-Gewargis Geological Consulting Inc. -

1986 DIAMOND DRILLING REPORT ON THE DOC CLAIMS PROPERTY

South Unuk River, British Columbia Skeena Mining Division N.T.S. 104/8W Latitude: 56°20' North Longitude 130°26'West

FOR

Magna Ventures Ltd. Suite 1220, 800 Pender Street Vancouver, B.C. V6C 2V6 Tel: (604) 688-7775

Author:

Wilson A. Gewargis, B.Sc., F.G.A.C. Gewargis Geological Consulting Inc. 405 - 595 Howe Street Vancouver, B.C. V6C 2T5 Tel: (604) 687-6245

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1.0 INTRODUCTION

Exploration and drilling on the Doc Property dates back to 1946. Several goldbearing quartz veins were found in 1947 and 1948 and surface trenching was done on vein structures Q-17, Q-19, Q-22, Q-25 and Q-26 during that time. In 1948 and 1949, the Q-17, Q-22, and Q-25 veins were tested by core drilling.

Between August - September 1985, intensive trenching, sampling and detailed mapping were carried out on the property, mainly at Q-17 and Q-22. The most significant results of this program was the discovery of high grade semi-to-massive sulphide on the footwall side of the Q-17 vein where a grab sample of this material was taken from Trench #12 and assayed between 3.3 to 3.7 oz/ton Au, 14 to 17 oz/ton Ag, 0.1% to 1.7% Cu, and 9.95% to 10.58% Pb.

The encouraging results of the above program prompted Magna Ventures Ltd. to conduct a drilling program totalling 913.2m of B.Q. core size, under the supervision of the author. The drilling was carried out by Longyear Canada Ltd., (using a Super 38 drilling rig) between August 10 to September 8, 1986.

The objective of this program was to acquire the necessary information pertaining to the nature and control of the mineralization and, to confirm the high assay results from the 1985 surface trenching program.

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1.1 Location and Access (Figure 1)

The Doc Property is located approximately 48 km in a direct line northwest of Stewart, B.C., on the east flank of the Coast Mountain Range near Gracey Creek, and on the South Fork of the Unuk River, B.C. On NTS map sheet 104/8W centered at approximately 56°20'N latitude and 130°26'W longitude.

Early access to the property was by boat and foot trail from Burroughs Bay (96 km north of Ketchikan, Alaska) up the Unuk River to its junction at the south Unuk River, then southward to the claim block. At present, the most direct access to the property is by helicopter from Stewart, B.C. (approximately 1 hour flying time in good weather conditions).

1.2 Topography (Figure 2)

The property is located in an area of moderate to steep terrain and elevations vary between 1158m to 1372m above sea level. Above 1219m, the property is generally glaciated and vegetation is sparse. The area of quartz vein structures is located above the tree line (1219m).

1.3 Property Description (Figure 3)

The Doc Claims comprise 58 mineral claim units totalling 1450 hectares (3583 acres) located within the Skeena Mining Division (N.T.S. 104/8W). Thirty-four (34) additional claim units, (Alf and Alf #2) totalling 850 hectares (2100 acres) were added to the Doc Group.

The Doc claims group is wholly-owned by T.J. McQuillan of Surrey, B.C. and Silver Princess Resources Inc. of Vancouver, B.C. Magna Ventures Ltd. has an option agreement with the latter.







The Doc property comprises the following claims:

| <u>Claims</u> | Units | Recorded No. | Expiry Date |
|---|------------------------------|--|--|
| | | | |
| Doc 4 | 16 | 2139 (3) | 1995 |
| Greg | 16 | 4900 (8) | 1995 |
| Greg 2 | 6 | 4954 (9) | 1995 |
| Greg 3 | 9 | 4955 (9) | 1995 |
| Greg 4 | 9 | 4956 (9) | 1995 |
| Q Tee | 2 | 4899 (8) | 1995 |
| Alf | 18 | 5367 (5) | 1993 |
| Alf 2 | 16 | 5396 (5) | 1993 |
| Greg 2 Greg 3 Greg 4 Q Tee Alf Alf 2 | 6 9 9 2 18 16 | 4954 (9) 4955 (9) 4956 (9) 4899 (8) 5367 (5) 5396 (5) | 1995 1995 1995 1995 1993 1993 |

1.4 Mining History

Exploration and prospecting on the Doc Claim (formerly known as the old Gracey Swansea Property) dates back to 1946, when T.J. McQuillan staked the property and started exploring for quartz vein systems while working for Leith Gold Mines.

Between 1947 - 1949, Halport Mines optioned the property and carried out surface trenching and preliminary EX-core size drilling on Q-17, Q-19, Q-22 and Q-25. Twenty-nine holes, a total of 1912.8m were drilled.

From 1949 to 1974 there are no records available of any work done on the property.

In 1974, New Minex carried out a magnetic survey and channel sampling over the main quartz vein structure. Their work is recorded in BCDM Assessment Report No. 5239. In 1975, New Minex conducted an electromagnetic survey which covered most of the Doc Claim. The results of this survey are recorded in BCDM Assessment Report No. 5512.

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In 1980, Dupont Exploration optioned the property and carried out a grid survey, soil sampling, mapping, and the results of their survey are recorded in BCDM Assessment Report No. 8925. In 1984 the option was terminated.

In 1985, Silver Princess Resources Inc. optioned the property, and carried out a confirmatory trenching and sampling program on the Doc 4 Mineral Claim.

2.0 GENERAL GEOLOGY (Figure 4)

The general geology of the Doc Mineral Claims has been described in the BCDM Assessment Report No. 8925 by Dupont Exploration. The essential features are the interbedded felsic and mafic volcanic rocks of upper Triassic age. The rocks trend northwest and dip northeast and southwest. They are unconformably overlain by carbonate breccia where a northwest trending synclinal structure exists in this unit.

The volcanic rocks are intruded by vertically dipping and northwest trending dykes of quartz porphyry, diabase and diorite of Tertiary age.

Several mineralized veins composed of milky-white quartz with 5% sulphide containing base and precious metals discordantly cut the volcanic rocks.

The main quartz vein structures, Q-17 and Q-22, which were the target of the 1986 drilling program, lie within the massive mafic volcanic rocks. The volcanics are described as dark green to black in color, fine-grained and commonly massive with poor schistosity.

2.1 Mineralization

Quartz vein mineralization occurs in a shear zone as indicated by gouge on both walls of the vein. No movement along this zone has occurred. The main structure, Q-17 and Q-22, occurs within massive mafic volcanic rocks in the northeast portion

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of the property and in cherty thin-bedded units and diorite to the northwest. The vein structure contains 5 - 10% sulphides. In order of abundance these are galena, pyrite, specularite, chalcopyrite, sphalerite, and magnetite.

Most of the surface development has been on Q-17 and Q-25 veins. The 1985 detailed trenching and sampling prove that these vein outcrops continue for a distance of 274m, strikes 110° and dips 80° NE. The entire length of the two veins carry gold values associated with specularite and galena. The 1985 sampling program revealed that 170m of vein structure within the trench area averages 0.45 oz/ton Au, 1.74 oz/ton Ag across an average width of 2.3m (Wahl 1985).

Three different types of mineralization occur on the property (S.H. Seraphim 1948):

- 1. Quartz veining with specularite-gold mineralization.
- 2. Quartz veining with galena-pyrite-gold mineralization.
- 3. Quartz veining with chalcopyrite-pyrite mineralization with no precious metals.

According to Seraphim, the gold in <u>type #1</u> has been deposited in disruptions between specularite cleavage plates. In <u>type #2</u>, gold is associated with three soft minerals, possibly Tellurides which form inclusions within galena. In both types, the vein contains minor amounts of gold in or near the fracture in the quartz. The mineralization in <u>type #3</u> contains only a trace of precious metal irrespective of the amount of sulphide.

The 1986 trench examination, shows that the Q-17 vein contains an abundance of specularite. For trench description and distribution of specularite in Q-17 and Q-22 veins system, refer to Trench Survey Section (Pages 10-20).

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3.0 TRENCH SURVEY OF THE MAIN Q-17 AND Q-22 VEINS (Figure 5)

General:

To understand the nature of the Q-17 and Q-22 quartz veins, and also to compare the results of the 1986 drilling program, the author re-examined the trenches previously sampled by Wahl in 1985. The following background information on the trenches listed from northwest to southeast is presented in (Figure 5).

The first outcrop of quartz vein exposed on the surface is located 30.4m northwest of Line 0+0 along the baseline at Trench #23.

The outcrop at this point is 4.2m wide and consists of highly limonitic milky quartz vein with scattered sulphide mineralization, mainly pyrite in the centre of the vein. At 1.4m to the north of the quartz vein is sheared material. The dip of the vein is difficult to determine, but appears to be vertical.

The vein north of Trench 23 is covered by snow and scree. A few small old trenches have been excavated around Line 3+00 NW, (possibly in the 1940's) to test the north extension of the quartz vein.

Hole 86-8, located at a distance of 44.2m, azmith 15° from Line 3+00 NW, was designed to test the northwest extension of the main zone.

Q-17 VEIN SYSTEM TRENCHES:

Trench No. 23

This is a shallow trench up to 0.3m deep in some places, and 3.8m long. The southern part of the trench from 0 to 1.4m consists of slightly fractured solid white-milky quartz and dark brown limonitic oxidized shear zone. There are

no visible sulphides. The remaining northern part of this trench consists of a shear zone with highly limonitic oxidization reddish-brown in color, and quartz vein inter-mixed with sulphide mineralization.

The strike of the vein is 110° . The assay results from 1985 sampling are 0.702 oz/ton Au, 2.58 oz/ton Ag across 3.35m. Holes 86-6 and 86-7 tested this trench at various depths.

Trench No. 22

This trench is 4.2m long, 1.6m wide, and 0.6m deep. The southern section of this trench (2.0 meters) is covered by scree. The remaining 2.2m consists of limonitic quartz vein with trace of sulphide (coarse-grained pyrite) mainly in the centre of the trench. This vein has a vertical dip. No major sulphide mineralization is obvious in this trench, except for trace occurrences. Assays by Wahl (1985) yielded 0.051 oz/ton Au, 0.227 oz/ton Ag across 1.68m.

Trench No. 19

This trench is 2.8m long, 1.5m wide and depth of 0.5m. From 0 - 1m, a section in the trench has scree, and no veins are exposed.

From 1.0 to 2.8m, (where Samples No. 2 and 3 were taken by H. Wahl) there is a highly oxidized limonitic (dark-red to brown in color) shear zone and white quartz vein. No sulphides were obvious in this trench.

At the north-end of the trench near Sample No. 3, highly oxidized shear material. The 1985 assay results were 0.775 oz/ton Au, 0.34 oz/ton Ag across 2.44m.

Trench No. 18

This trench is 3.0m long, average width 1.2m, depth 0.3m, and represents an overburden (scree). No quartz vein is exposed. Two samples were taken by H. Wahl - one from 1.8m and the other from 1.8 to 3.0m, and assayed 0.143 oz/ton Au, 0.34 oz/ton Ag across 1.83m.

The footwall of the vein at the beginning of the southend of the trench fractured shear material and andesitic rock.

A small trench is situated between **Trench No. 2** and **Trench No. 18**, and is 2.4m long, 1.0m wide, depth 0.2m. This trench represents an overburden (scree).

Trench No. 2

This trench is 3.0m long, 2.4m wide, with a depth average of 0.5m. The quartz vein is exposed mainly in the middle of this trench, a distance of 1.0m to 1.7m from the south end. H. Wahi (1985) took Samples No. 3 and 4 from this zone comprising highly oxidized limonitic quartz vein with some sulphides (up to 15%), mainly fine to medium grained pyrite, occurring within the shear-limonitic quartz vein. The samples assayed 0.133 oz/ton Au, 0.432 oz/ton Ag across 1.17m.

A solid quartz vein is exposed on surface between Trench #2 and Trench #1. The width of the vein is 1.2m. The strike of the vein is similar to Trench No. 1, and dips at this trench 88° to the north.

The vein consists of highly oxidized-limonitic white to reddish-brown quartz with streaks of specularite in various places. This is the first observation of specularite in the vein. The specularite exists in either gluts in certain areas, mainly the coarse-grained quartz, or in stringer-types as well as smears along the joints or fractures within the quartz vein.

Trench No. 1

This trench is 2.8m long, average width 1.2m, and depth average 0.8m. From 0 south to 0.7m south, (Wahl 1985, Sample No. 1) the trench consists of overburden and the highly fractured limonitic zone.

From 0.7m to 2.0m, (Wahl 1985, Sample No. 2) the trench consists of a steeply dipping (82°N) quartz vein, highly limonitic with some specularite and a little sulphide occurring mainly along the contact zone from 2.0m to 2.8m. The sample assayed 0.228 oz/ton Au, 0.79 oz/ton Ag across 1.88m.

After checking the above trenches, quartz vein, and mineralization, it is believed that most of the sulphide occurs along the contact zone between the shear zone on both sides of the vein structure. This was noted by Dr. Kidd during his 1948 - 1949 drilling program when he mentioned the recovery of the core from the shear zone on both sides of the vein was very poor.

Trench No. 3

This trench is 2.4m long, width 1.5m, no depth. The quartz vein is exposed in this trench. The first 1.5m from the southend of the trench is highly oxidized and limonitic. Some specularite occurs at the southeast end of the trench. No major indication of pyrite mineralization. The 1985 assay results from this trench are 0.094 oz/ton Au, 0.632 oz/ton Ag across 2.31m.

Between Trench No. 3 and Trench No. 12:

A quartz vein 1.7m wide is clearly exposed on the surface for a distance of 9.6m between Trench No. 3 and Trench No. 12.

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This vein consists of oxidized dark-brown to milky white quartz vein with streaks or stringer of specularite throughout. A trace of sulphide was observed and the quartz vein has a very sharp contact with the footwall and hangwall. The specularite increases in both sides of the contact, mainly on the footwall side. The vein dips between $78^{\circ} - 80^{\circ}$ north.

Trench No. 12

This trench is 2.0m long, no width, and consists mainly of highly oxidized quartz vein with massive sulphide, principally pyrite (fine to coarse-grained), and mainly on the footwall as reported by Wahl. No other sulphides are obvious. The quartz vein is 1.0m wide at this point with some sulphides on the hanging wall side.

Wahl 1985 assay results are 1.55 oz/ton Au, 4.81 oz/ton Ag across 1.83m. Holes 86-4, 86-5 were designed to intersect this zone at depth, but failed to intersect any gold values.

Between Trench No. 12 and Trench No. 20

A quartz vein 2.1m wide is exposed on surface, and is the same vein described in Trench No. 12.

Trench No. 20

This trench consists of quartz vein, highly limonitic oxidized with shear zones on both sides, (footwall and hangwall) with specularite (stringer and smear) mainly in the middle of the vein. Assay results from the 1985 program are 0.415 oz/ton Au, 0.81 oz/ton Ag across 2.74m.

Baseline 1+50 SE

At Baseline 1+50 SE, the quartz vein exposure on surface ends. Here the quartz is exposed in an old creek bed that could possibly be a fault zone representing the structural break between the Q-17 and Q-22 veins. The azmith of the creek is 27° .

Trench No. 13

This trench located at 4.4m north of Baseline 3+00 SE, is 3.6m long, 1.4m wide with a depth average of 0.8m.

From 0 to 0.8m, the trench consists of shear limonitic andesite. From 0.8 to 1.8m, the trench consists of a vertically dipping quartz vein, highly limonitic with clay alteration, some traces of specularite. There is no pyrite. A few stringers of vein are exposed throughout the remainder of this trench, mainly at 2.1m and at 3.0m. The 1985 assay results are 0.356 oz/ton Au, 2.01 oz/ton Ag across 3.66m.

Trench No. 14

This trench is located at at 4.1m southeast of Baseline 3+00 SE, and is 5.0m long, 1.4m wide, and 0.7m deep.

A small section of quartz vein is exposed in this trench between 1.8m to 2.0m in the trench.

From 0 to 1.8m, the trench is a highly shear limonitic zone and from 2.0m to 5.0m slightly sheared zone. The 1985 assay results from this trench run 1.033 oz/ton Au, 7.0 oz/ton Ag over 3.2m. Hole 86-1 was drilled to test this zone at depth, but failed to intersect any good gold values.

Trench No. 15

This trench is located 13.8m from Baseline 3+00 SE, and is 5.6m long, 1.0m wide and 0.5m deep.

In the trench, from 0 to 1.0m is a shear zone; from 1.9 to 1.8m is a quartz vein. The remainder of the trench is overburden, and no mineralization occurs. The 1985 assay results are 0.077 oz/ton Au, 0.753 oz/ton Ag across 1.83m.

An old trench 19.7m southeast from Baseline 3+00 S.E. is covered by overburden. There are no visible signs of mineralization. This trench is 4.4m long, 2.1m wide, and 0.6m deep. This is the last trench to the southeast extension of the Q-17 vein.

Q-22 VEIN SYSTEM TRENCHES

Trench No. 4

This trench is 2.9m long, 0.9m wide, and 0.9m deep, and is the first trench on the Q-22 vein system. From 0 to 0.7m, the overburden represents a shear zone and hangwall of the vein structure. From 0.7m to 2.9m, is a quartz vein. The first part of the vein, from 0.7m to 1.9m, is brown to dark-brown limonitically oxidized. The remainder is white quartz vein.

There are no visible signs of sulphide mineralization. Most of the vein is coarse quartz. The strike of the vein appears to be 100°, and the dip 84° north.

Hole No. 86-2 and 86-3 were drilled to test the mineralization of Trench No. 4, which assayed 0.267 oz/ton Au, 1.06 oz/ton Ag across 2.37m. Hole No. 86-3 intersected encouraging gold mineralization.

Trench No. 7

Trench No. 7 is 5.2m long, 1.2m wide, and 0.3m deep, and is located below Trenches 4 and 5. It has been excavated in the hangingwall of the vein in a shear zone. No quartz vein is exposed. The 1985 assay results are 0.112 oz/ton Au, 0.33 oz/ton Ag.

Trench No. 5

This trench is 3.6m long, 1.4m wide, and 1.0m deep. From 0 to 0.9m is a shear material and from 0.9m to 3.6m is a quartz vein with limonitic and oxidized material. No visible signs of pyrite. The 1985 assay results are 0.317 oz/ton Au, 0.59 oz/ton Ag across 2.82m.

Trench No. 10

This trench is 3.7m long, 1.2m wide, and 0.6m deep. From 0 to 1.2m is overburden shear zone, and from 1.2m to 2.8m quartz vein. The remainder of the trench is overburden similar to Trench No. 7. The 1985 assay results from this trench are 0.368 oz/ton Au, 1.76 oz/ton Ag across 2.74m.

Trench No. 11

This trench is 3.1m long, 1.8m wide, and 0.6m deep. From 0 to 1.1m is overburden, and from 1.1m to 2.9m is quartz vein material. The remainder of the trench is overburden. The 1985 assay results are 0.302 oz/ton, 1.18 oz/ton Ag across 2.13m.

A small granitic dyke is exposed near the vein on an azmith of 223° from the Baseline 0+75 SE near Trench No. 20. The width of the dyke at this point is 0.4m. The remainder of the dyke to the northwest is covered by scree.

The dyke strikes 222° and dips 82° to the northwest and intersected at Hole 86-5.

Trench No. 16

This trench is 2.9m long, 1.6m wide on the side of the slope. From 0 to 1.2m it is sheared oxidized andesitic rock. The 1985 assay results are 0.211 oz/ton Au, 0.81 oz/ton Ag across 1.22m.

The creek bed (fault zone) is 6.5m S.E. of Trench No. 16.

Four (4) trenches between Line 5+00 SE and Line 6+00 SE have been excavated a little higher than the vein is supposed to be, and are covered by overburden. They show no sign of quartz vein, except in one trench where it shows quartz vein material in the dump.

These 4 trenches are 0.6 meters deep.

Trench No. 6

Trench No. 6 is located near Baseline 8+00 S.E., and is 5.3m long, 1.5m wide, and 0.7m deep. From 0 to 1.0m is overburden, and from 1.0m to 4.4m quartz vein, slightly oxidized with no distinct sulphide mineralization. Small clusters of pyrite, specularite, trace of greyish mineral (galena) are found in some of the pieces in the muck pile.

The sulphide mineralization seems to concentrate along the contact zone, not the middle of the quartz vein on the property. Here the quartz vein exhibits the thickest width (3.4m) on the property. The 1985 assay results from this trench are 0.145 oz/ton Au, 0.724 oz/ton Ag across 3.96m. Holes 86-9, 86-10 were drilled to intersect this zone.

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Trench No. 9

Trench No. 9 is about 4.7m long, with an average width of 1.6m. The quartz vein is exposed in the trench from 1.4m to 3.8m. No assay results have been recorded.

The material resembles the quartz vein in Trench No. 6, with sulphide mineralization found in this trench, mainly along the hanging wall contact.

This concludes the general description of the trenches on Q-17 and Q-22 veins. The author did not take any samples from the trenches during the 1986 drilling program.

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4.0 DRILLING

4.1 General

The previous exploration work outlined and confirmed the presence of gold-silver mineralization within the Q-17 and Q-22 quartz vein system. Several hand trenches were drilled and blasted along the above vein systems over a distance of 274m.

In 1986, a diamond drilling program was conducted on the DOC property, Q-17, and Q-22 vein systems. This program was designed as the Phase I drilling program to evaluate the type of mineralization along the strike and down-dip. Ten (10) holes were drilled for the total footage of 913.2m (2996 feet) of BQ core size. A summary of the 1986 drill holes, co-ordinates the mineralized zone, and assay results are shown on **Table 1 (Page 22-23)**.

The drilling was undertaken by Longyear Canada Ltd. of Vancouver, British Columbia using Longyear Model Super-38 drilling rig. The program commenced on August 5, 1986 with mobilization of the crew and drilling equipment, and was completed on September 10, 1986.

Five drill sites were located on the Q-17 and Q-22 vein systems. The area drilled has an elevation ranging between 1237 to 1244m. (Plates No. 1 and No. 2)

All the core from the drilling was examined in the field. All the mineralization was split, with samples sent to Acme Analytical Labs and Chemex Labs in Vancouver, for assaying. The drill core was sorted on the property. The results are recorded on the Laboratory assay sheet, and drill log sheets in Appendix "A-2", "A-3".

In spite of known facts of poor core recovery during previous drilling in 1948 - 1949, BQ core size was used and the recovery of the core varies between 91% - 98% from one hole to the other. In general, all the drill holes have problems with recovery when the vein structure is intersected, especially the footwall and TABLE #1

1. A. A. M. M.

GEWARGIS GEOLOGICAL CONSULTING INC. SURFACE DIAMOND DRILLING PROGRAM

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PROPERTY

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| | TOTAL | TOTAL | 477 | COLLAR COORDINATES | | MINERALIZED ZONE | | | | | DEMARKS | |
|------|---------|-------|------------------|----------------------------------|----------------------|------------------|----------|----------|--------------|----------|----------|-------------------------------|
| DDH | DRILLED | | ΑΖ. | NORTH | EAST | ELEV. | FROM | то | FOOTAGE | Au oz./t | Ag oz./t | REMARKS |
| 86-1 | 108.2m | -50° | 2200 | Az 198 ^{0.} BL4+00SE | dist.38.5m 050NE | 1225m | | | | | | |
| 86-2 | 68.6m | -50 | 2020 | Az 204 ⁰ BL4+00SE | dist.39.5m 050NE | 1225m | 46.4m | 50.0m | ~ 3.6m | 0.002 | 0.08 | sh.zone, lim, trace of py. |
| 86~2 | 68.6m | -50° | 202 [°] | Az 204° BL4+00SE | dist.38.5m 050NE | 1225₪ | 56.2m | 57.1m | 0.9m | 0.001 | 0.02 | qtz,py,Pes, pbs,trace cpy. |
| 86-3 | 108.2m | -75° | 202 [°] | Az 204 ⁰ BL4+00SE | dist.39.5m 0+50NE | 1225m | 89.7m | 94.0m | 4.3 m | 0.069 | 0.33 | oxd,lim,qtz,py trace pbs. |
| 86-3 | 108.2m | -75° | 202 ⁰ | Az 204 ⁰ | dist.39.5m | 1225m | OR 91.4m | 93.0m | 1.6m | 0.156 | 0.81 | oxd,lim,qtz,py trace pbs. |
| 86-4 | 71.0m | -60° | 210 [°] | Az 34 ⁰ Blo+75SE | dist.35.9n | 12 31 m | 62.9m | 66.1m | 3.2m | 0.023 | 0.145 | qtz,py. |
| 86-5 | 187.8m | -80° | 2100 | Az 34° Blo+75se | dist.36.6n | 1231m | 82.Om | 83.2m | 1.2m | 0.036 | 0.14 | white qtz, py. |
| 86~5 | 187.8m | -80° | 210 [°] | Az 34° Blo+75se | dist.36.6n | 1231m | 181.7m | 183.8 | 2.1m | 0.024 | 0.067. | qtz,lim,py. |
| 86-6 | 74.1m | -60° | 215 [°] | Az 20 ⁰ TR#23 | dist.21.3m | 1234m | 65.6m | 68.1m | 2.5m | 1.473 | 5.54 | qtz,ms,py, specularite |
| 86-7 | 138.7m | -75° | 215 [°] | Az 20 ⁰ Tr#23 | dist.21.9m | 1234m | 130.2m | 133.6m | 3.4m | 0.363 | 1.17 | milky-white qtz,ms,py. |
| 86-7 | 138.7m | -75° | 215 [°] | Az 20 ⁰ TR#23 | dist.21.9n | 1234m | 137.2m | - 137.8m | 0.6m | 0.656 | 2.13 | qtz,py. |
| | • | | | | | | | | | | | |

TABLE #1

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SURFACE DIAMOND DRILLING PROGRAM PROPERTY.

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| | TOTAL | AL COLLAR COORDINATES | | NATES | MINERALIZED ZONE | | | | | DEMARKS | | |
|-------|--------------------|-----------------------|------------------|--------------------------------|---------------------|-------|----------|-------|---------|----------|----------|--------------------------------|
| DDH‡ | FOOTAGE DRILLED | DIP | AZ. | NORTH | EAST | ELEV. | FROM | то | FOOTAGE | Au oz./t | Ag oz./t | REMARKS |
| 86-8 | 72.8m | -45 [°] | 194° | Az 14° BL3+00NW | dist.43.5m | 1237m | 59.0m | 61.0m | 2.0m | 0.313 | 1.17 | qtz,py,oxå, lim. |
| 86-8 | 72.8m | -45° | 194 ⁰ | Az 14 ⁰ BL4+00SE | dist.43.5m 050NE | 1237m | OR 60.0m | 60.6m | 0.6m | 0.988 | 3.18 | qtz,py,oxd, lim. |
| 86-9 | 49.4m | -60° | 265° | Az 70 ⁰ BL8+00SE | dist.21m | 1228m | 35.8m | 36.4m | 0.6m | 0.574 | 1.03 | qtz,py, specularite |
| 86-9 | 49.4m | -60° | 265° | Az 70 ⁰ Bl8+00se | dist.21m | 1228m | 43.5m | 43.8m | 0.3m | 0.270 | 0.61 | qtz,ms,py, oxd,alt. |
| 86-9 | 49.4m | -60° | 265 [°] | Az 70 ⁰ Bl8+00se | dist.21m | 1228m | 45.7m | 47.2m | 1.5m | 0.598 | 0.78 | qtz,ms, py, oxd, alt. |
| 86-10 | 34.4m | -45° | 265 [°] | Az 70° BL8+00SE | dist.20m | 1228m | 25.6m | 30.9m | 5.3m | 0.459 | 2.17 | gn,sh.zone,trac py, oxd,lim |
| TOTAL | 913.2m | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | / | | | | | | | | | | |
| | <u> </u> | | | | | | | | | | | |
| | | <u> </u> | | | | | | - | | | | |
| : | | | | | | | | | | | | |

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hangwall shear zone which consists of highly limonitic-oxidized material, dark brown in color, with high gold values.

In spite of all the attempts by the drilling crew, using mud additives to help get the circulation back, no sludge could be collected when the vein structure was intersected.

In future drilling, an alternative method should be used to get the circulation back and get the drill sludge. This would be achieved by drilling large size core such as NQ, and then reducing to BQ when circulation is lost or cement the hole to block the various shear zones before intersecting the vein structure.

These drilling techniques will improve recovery and possibly regain the circulation. The cost of using these techniques would be very expensive and time-consuming.

During the 1986 drilling program, sludge samples were collected from Hole 86-10. Samples were collected between 25.6 - 30m, and the assay results were 0.635 oz/ton Au, 1.85 oz/ton Ag. The core assay results for the same interval shows lower gold, and higher silver values assaying 0.408 oz/ton Au, 2.53 oz/ton Ag. It is premature to make any comparison regarding the above sampling techniques and their effects on the gold mineralization until more sludge samples have been collected.

4.2 DESCRIPTION OF DRILL HOLES 86-1 TO 86-10

Diamond Drill Hole 86-1

This hole was drilled to intersect a 0.2m wide quartz vein exposed in Trench No. 14 which assayed 1.033 oz/ton gold, 7.0 oz/ton silver across 3.2m and was drilled at ~50° dip to a depth of 108.2m. It did not intersect a defined quartz vein since it was drilled through a shear zone which could be the offset of both Q-17 and Q-22. Core recovery was 71.6% within the shear zone and averaged 91% for the entire hole. The poor core recovery may have contributed to the poor assay results.

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After reviewing both trench and 1985 assay results, it was found that the gold values were exceptionally high at 2.19 oz/ton gold and 14.87 oz/ton silver across a shear zone 1.4m wide with minor quartz.

Two mineralized sections have been intersected in this hole; the first section from 34.1 to 34.4m, which represents an oxidized zone with quartz veinlets and hematite, assaying 0.001 oz/ton Au, and 0.03 oz/ton Ag.

The second section from 62.5 to 63.7m represents a reddish alteration material and assayed 0.001 oz/ton Au, and 0.02 oz/ton Ag.

Diamond Drill Hole 86-2

This hole was drilled to a depth of 68.6m, at -50° dip, to intersect the surface mineralization exposed in Trench No. 4 which assayed **0.267 oz/ton Au, 1.06 oz/ton** Ag across **2.82m.** No significant gold values were obtained from drilling this hole, but several mineralized sections were intersected. These sections are as follows:

- From 35.3 36.7m: quartz vein within a fractured andesitic rock with gouge and limonite, assaying 0.001 oz/ton Au, 0.03 oz/ton Ag.
- From 46.4 50m: shear zone, light brown with limonite, gouge, clay and trace of pyrite. Assay results of this section vary between 0.001 to 0.006 oz/ton Au, 0.04 to 0.05 oz/ton Ag.
- From 56.2 57.1m: quartz vein, slightly fractured with disseminated pyrite, galena, and trace of chalcopyrite. Assay results are 0.001 oz/ton Au, 0.02 oz/ton Ag.

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The core recovery from this hole was 91%; and 76.5% was very poor mainly in the shear zone between 26.8 to 75m.

Diamond Drill Hole 86-3

This hole was drilled to a depth of 108.2m, at -75° dip, and intersected the mineralized zone between 89.7 - 94m. This zone consists mainly of oxidized dark brown material with less than 2% vein quartz at certain sections, primarily between 92.7 to 93.0m, where a bright yellow pyrite stringer occurs with some specks of galena. This zone is highly sheared and fractured with broken core and gouge throughout the interval of 92.0 to 92.6m.

The above zone (89.7m - 94m) assayed 0.069 oz/ton Au, 0.33 oz/ton Ag across 4.3m. Within this zone there are a few interesting gold values mainly from 91.4 to 92m which assayed 0.106 oz/ton Au, 0.55 oz/ton Ag, and from 92.5 to 93m assayed 0.344 oz/ton Au, 1.88 oz/ton Ag.

Both the footwall and hangwall of the above intersected zone are altered with specks of pyrite. Mineralization occurs only in the altered zones and not in zones of good core recovery.

Other quartz veins intersected in this hole, but with no gold values, are as follows.

- At 63 63.15m: quartz vein with limonite, pyrite, hematite, slightly fractured and assayed 0.001 oz/ton Au, 0.01 oz/ton Ag.
- At 67 73.8m: silicified andesite, 20 50% quartz veining with epidote, assayed 0.001 oz/ton Au and 0.001 oz/ton Ag.
- Others were intersected from 84.6 85m, 95-95.5m and 96.3 97.2m: quartz veins with no Au or Ag mineralization.

The core recovery from this hole was very good up to 96.6%. Holes 86-1, 86-2 and

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86-3 were drilled from the first location on Line 4+00 SE.

Diamond Drill Hole No. 86-4

This hole was drilled to test the massive sulphide mineralization exposed in Trench No. 12. It was drilled at -60° dip to a depth of 71m, and intersected a quartz vein zone between 63.4 to 66.1m, that represents the vein exposed in Trench No. 12, although with less sulphide mineralization. The 1986 assays are 0.027 oz/ton Au, 0.15 oz/ton Ag.

At the beginning of the quartz vein are specks of coarse grained pyrite. From 63.4m to 65.1m is light grey to brown oxidized milky quartz vein with broken core and gouge mainly at 63.9m with sections of good sulphide mineralization up to 5% pyrite, mainly from 64.2m to 64.8m. From 65.1m to 66.0m is a light brown white milky quartz vein with a trace of pyrite. The footwall of the vein is a dark green andesite.

The hangwall of the vein again is dark green andesite with a section slightly altered, (oxidized) and broken core between 62.5 and 63.4m. The remainder of the hangwall is solid core.

The core recovery from this hole is 98.4%.

Diamond Drill Hole No. 86-5

Drill Hole 86-5 was drilled below 86-4 at -80° dip to test the down-dip extension of the quartz vein in Trench No. 12

From 82 - 83.2m, a fault zone with white quartz vein, gouge and specks of pyrite was intersected.

This hole intersected several small quartz veins and a mineralized section between

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181.7 to 182.8m, within highly altered dark brown andesite, and a small section of white quartz vein. It failed to intersect mineralization similar to Trench No. 12, but did intersect a small granitic dyke rock from 160.5 -163.1m.

The core recovery from this hole is 94.9%.

Diamond Drill Hole No. 86-6

This hole was drilled to a depth of 74.1m, at -60° , and was designed to test the quartz vein exposed in **Trench No. 23**, located at Baseline 0+75 NW. This vein was intersected at a depth from 65.5 to 68.7m, and consists of highly altered sections on both sides of the white quartz vein. Assay results from this vein run 1.235 oz/ton Au, 4.65 oz/ton Ag across 2.5m. The description of the zone is as follows:

- From 65.5 to 66.0m: massive oxidization zone with up to 10% sulphides.
- From 66.0 to 67.0m: light to dark brown altered material with 5% to 10% quartz, highly broken core with gouge at 66.3m.
- From 67.0 to 68.2m: quartz vein with dark brown alteration, stringer of pyrite and specularite along the fracture zone, broken core with gouge at 67.6m (less than 2% pyrite).
- From 68.2 to 68.7m: highly altered shear zone that is the footwall of the vein; gouge throughout the section; broken core with a trace of pyrite. Both the hangwall and footwall of this zone is poorly defined and consists of broken core mainly from 62.4 to 64.9m and gouge from 69.1m to 69.3m.

The core recovery of 86-6 was 92.8%.

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Diamond Drill Hole No. 86-7

Hole 86-7 was drilled from the same location as 86-6, at -75° dip, to depth 138.7m, to test the down-dip extension of the mineralized zone at **Trench No. 23**, and **Hole 86-6**. It intersected the mineralized quartz vein zone between 128.3 to 133.6m, where it comprises white-milky quartz with a slightly oxidized section (mainly at 131.7m to 132.0m).

This vein has massive sulphides in sections (pyrite and some trace chalcopyrite) from 130.4m to 130.6m, 131.4m to 131.9m, and from 132.5m to 133.4m. The sulphide mineralization within the above zone varies between 5 to 20%. The assay results for this mineralized zone, mainly from 128.3 to 133.6m, is 0.251 oz/ton Au, 0.81 oz/ton Ag and from 130.2 to 133.6m is 0.363 oz/ton Au, 1.17 oz/ton Ag.

At 131.3m, dark green stained mineralization within this vein structure. The hangwall of this zone from 128.0 to 130.4m is a moderate to highly altered zone, oxidized with scattered pyrite veinlets. There is good core recovery.

The footwall of the vein is dark green andesite with good solid core recovery between 138.0 to 138.7m, where a major fault zone associated with gouge occurs.

From 137.2 to 138.7m: silicified andesite with 2% - 5% scattered disseminated fine pyrite material.

The core recovery for Hole 86-7 was 95.8%.

Diamond Drill Hole No. 86-8

This hole was drilled from the most northerly part if the vein at Line 3+00 NW, to the depth of 72.8m, at -45° dip. A major fault structure occurs at 54 to 63.1m where the quartz occurs.

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From 53.0 to 59.4m: broken core ranging from a few millimeters to a few centimeters in size, with missing core between 57.8 to 59m, up to 0.8m.

The mineralized vein structure in this hole was intersected between 59 to 61m and consists of white to milky quartz vein with scattered pyrite, light brown - oxidized section slightly fractured. Assay results are 0.313 oz/ton Au, 1.026 oz/ton Ag across 2m and 0.998 oz/ton Au, 3.18 oz/ton Ag across 0.6m.

From 59 to 59.5m: hanging wall dark brown oxidized quartz vein with a trace of sulphides. Foliation at 35° to core axis, broken core with gouge at 59.5m.

From 59.5 to 60.2m: white quartz vein, slightly fractured with 3% dark brown oxidization mainly along the fractures, a trace of pyrite mineralization.

From 60.2 to 60.7m: highly oxidized quartz vein with alteration zone and a section of massive pyrite, broken core.

From 60.7 to 62.2: footwall of the vein with scattered quartz veinlets and a section of slightly oxidized quartz vein, pyrite mainly from 61.7 to 60.2m.

The vein structure in this hole is located along the contact between the chert and the andesitic rocks.

Diamond Drill Hole No. 86-9

This hole was drilled to test the quartz vein exposed in Trench No. 6; the furthest trench southeast along the baseline. The 1985 assay results are 0.145 oz/ton Au, 0.724 oz/ton Ag across 3.96m. The hole was drilled to a depth of 49.4m, at -60°, and intersected a fault zone between 23.8 to 34.6m comprising light grey to light green highly oxidized material. Most of the oxidization occurs at 29.7 to 34.6m, with scattered narrow quartz veinlets throughout this section.

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A section of good core containing specks of sulphide occurs between 25.9 to 29.3m within the above fault zone. This zone could represent a surface fault which dips approximately 65° to the southeast.

The mineralized quartz vein zone was intersected from 34.5 to 46.7m (Plate No. 3). The vein consists of white-milky quartz with a slightly limonitic section and trace of pyrite. The limonite sections are within the main structures. They occur at 34.7 to 35.2m, 36 to 36.6m, 38.1 through 41.1m, 41.5 to 41.7m, 43.4 to 43.6m, and a section between 45.1 to 46.8m. Sections of broken core mainly between 43.6 to 45.4m where caving occurs at 44.2m.

From 46.8 to 47.2m it is highly oxidized material, and from 47.2 - 49.4m broken core, light grey to green andesitic rocks and represent the footwall of the quartz vein.

The assay results from this hole are as follows:

- From 35.8 36.4m: 0.574 oz/ton Au, 1.03 oz/ton Ag across 0.6m
- From 43.5 43.8m: 0.270 oz/ton Au, 0.61 oz/ton Ag across 0.3m
- From 45.7 47.2: 0.598 oz/ton Au, 0.78 oz/ton Ag across 1.5m

Diamond Drill Hole 86-10

This hole was drilled from same location as Hole No. 86–9 at -45° dip, to a depth of 34.4m.

The hole started with dark green andesite from 0 to 22.5m. From 22.5 to 25.3m light grey to brown altered shear zone with broken core and scattered quartz veinlets up to 10 centimeters, mainly at 23.3m.

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From 25.6 to 30.9m is the main quartz mineralized zone which consists, in part, of highly altered material light brown to dark brown, oxidized and limonitic, and in parts it is white-milky quartz, slightly altered with fractured filling and pyrite mineralization.

Assay results from the above zone yield 0.450 oz/ton Au, 2.16 oz/ton Ag across 5.3m, with the highest gold value of 0.712 oz/ton from 30 - 30.9m, and highest silver value 4.72 oz/ton from 25.6 - 26.0m.

From 30.9 to 34.4m, is a dark green fine grained andesite rock resembling the country rock which hosts the quartz vein system, Q-17 and Q-22. Broken core from 31 to 32.3m, and 33.5 to 34.2m.

The recovery from this hole is 93.3%.

4.3 Discussion of Results

- Holes 86-1 to 86-10 were drilled to test a strong mineralized quartz vein structure (Q-17 and Q-22) that is exposed on surface for a distance of 274m. Several holes intersected a strong mineralized zone carrying gold values up to 7.010 oz/ton Au, 25.80 oz/ton Ag, across 0.4m.
- 2) Hole #86-7 intersected the mineralization at 130.2 133.2m and 137.2 to 137.8 which is the same mineralization intersected in Hole 86-6 and Trench #23. This proves that the down-dip extension at this location is to 139m below the surface.
- 3) Geological examination of the drill core and surface trenching shows that the sulphide which possibly carries gold, exists within the hangingwall and the footwall of the quartz vein. Less than 5% of sulphide is present in the centre part of the quartz vein.

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- 4) Drilling through the mineralized zone resulted in poor core recovery (Holes 86-1 through 86-5) which did not give a true picture of the gold values within the system. All of these holes intersected the quartz vein structure with no gold values, and failed to intersect the high gold values which were found in the surface trenching. In future drilling, NQ core size should be used.
- 5) The 1986 drilling program has proven that the gold mineralization extends to the northwest and southeast. Significant gold results were obtained in Holes 86-8, 86-9 and 86-10, confirming the gold values in the trenches along the strike and down-dip.

5.0 ORE RESERVES

Preliminary geological ore reserves under the "possible" category were calculated, using the surface trenching results from the 1985 program, and diamond drilling results from the August-September 1986 program.

The **"possible"** reserves were calculated for three blocks, Block A, B, and C (Figures 5, 6). Ore reserves calculation data of the above blocks were obtained as follows:

BLOCK "A": From Drill Holes 86-6, 86-7, and Trenches #23, 22, 19 and 18.

BLOCK "B": From Drill Hole 86-8

BLOCK "C" From Drill Holes 86-9, 86-10 and Trench 6 and 9.

The tonnage and grade calculations for Block "A", were taken from Trench #18 southeast to 15 meters northwest.

The tonnage and grade calculations for Block "B" were taken from Baseline 3+00 NW, with 15 meters on both sides of the Baseline for a total strike length of 30 meters.

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Finally, the tonnage and grade calculations for Block "C", were taken from 15 meters southeast of Trench #9, and 15 meters northwest of Trench #6, for a total strike length of 37 meters.

Calculations were performed strictly on each block from the trenching and drilling data, with no economic consideration, and therefore these reserves must be considered geological reserves. A tonnage factor of 10.0 ft^3/ton was used in order to provided direct tonnage.

CALCULATION - BLOCK "A"

1) AVERAGE GRADE AND WIDTH OF AREA BETWEEN TRENCHES #23 to 18:

| | Oz/ton | | Width | Grade x | Grade x |
|--------|-----------|-------|------------|-------------------|------------|
| Trench | <u>Au</u> | Ag | <u>(M)</u> | <u>Width (Au)</u> | Width (Ag) |
| 23 | 0.702 | 2.58 | 3.35 | 2.35 | 8.64 |
| 22 | 0.051 | 0.227 | 1.68 | 0.08 | 0.38 |
| 19 | 0.775 | 0.85 | 2.44 | 1.89 | 2.07 |
| 18 | 0.143 | 0.34 | 1.83 | 0.26 | 0.62 |
| | | 4 | 9.3 | 4.58 | 11.71 |

Average grade and width for Trenches #23 to 18: 0.49 oz/ton Au, 1.26 oz/ton Ag, across 2.32m.

2) AVERAGE GRADE CALCULATION FOR DRILL HOLES 86-6 and 86-7:

| Drill Holes | Oz/ton <u>Au</u> | Ag | True Width (M) | Grade x Width (Au) | Grade x Width (Ag) |
|-------------|---------------------|------|-------------------|-----------------------|-----------------------|
| 86-6 | 1.473 | 5.54 | 1.25 | 1.84 | 6.92 |
| 86-7 | 0.363 | 1.17 | 0.9 | 0.33 | 1.05 |
| | <u> </u> | | 2.15 | 2.17 | 7.97 |

2) (Cont):

Average grade and width for Drill Holes 86-6 and 86-7: 1.01 oz/ton Au, 3.71 oz/ton Ag across 1.1m.

3) AVERAGE GRADE AND WIDTH OF AREA BETWEEN TRENCH #23 - 18 AND DRILL HOLES 86-6 AND 86-7:

| Block A | Oz/Ton <u>Au</u> | Ag | Width <u>(M)</u> | Grade x Width (Au) | Grade x Width (Ag) |
|---------------------------|---------------------|------|---------------------|-----------------------|-----------------------|
| Trench 23- 18 | 0.49 | 1.26 | 2.32 | 1.14 | 2.92 |
| Drill Hole 86-6 & 86-7 | 1.01 | 3.71 | 1.1 | 1.11 | 4.08 |
| | | | 3.42 | 2.25 | 7.0 |

Average grade and width for Block "A", 0.65 oz/ton Au, 2.04 oz/ton Ag, across 1.71m.

4) BLOCK "A" TONNAGE AND GRADE CALCULATION:

Length x thickness x depth:

 $30m (98ft) \times 1.71m (6ft) \times 134m (440 ft) = 6874.2m^3 (242,759 ft^3)$

Tonnage = $\underline{\text{Volume } \underline{\text{ft}^3}}_{10 \text{ ft}^3/\text{ton}}$ = 24,276 tons

Total Tonnage for Block "A":

24,276 tons with an average grade of 0.65 oz/ton Au, and 2.04 oz/ton Ag.
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BLOCK "B"

Following is the tonnage and grade for Block "B", based on Drill Hole 86-8:

<u>Length x thickness x depth:</u> 30 (98ft) x 1.4m (4.6ft) x 55m (180ft) = $2310m^3$ (81,576 ft³)

 $\frac{\text{Tonnage} = \text{Volume ft}^3}{10\text{ft}^3/\text{ton}} = 8,158 \text{ tons}$

Total Tonnage for Block "B": 8,158 tons with a grade of 0.313 oz/ton Au, 1.17 oz/ton Ag.

BLOCK "C":

1) AVERAGE GRADE CALCULATIONS FOR TRENCH #6 AND TRENCH #9:

| | Oz/1 | Width | |
|--------|-------|-------|------------|
| Trench | Au | Ag | <u>(M)</u> |
| 6 | 0.145 | 0.724 | 3.96 |
| 9 | | - | - |

2) AVERAGE GRADE CALCULATION FOR DRILL HOLES 86-9 AND 86-10:

| Drill Hole | Oz/to <u>Au</u> | on Ag | True Width (M) | Grade x Width (Au) | Grade x Width (Ag) |
|------------|--------------------|----------|-------------------|-----------------------|-----------------------|
| 86-9 | 0.598 | 0.78 | 0.75 | 0.447 | 0.585 |
| 86-10 | 0.459 | 2.17 | 3.8 | 1.744 | 8.246 |
| | | | 4.55 | 2.191 | 8.831 |

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Average grade and width for Drill Holes 86-9 and 86-10: 0.481 oz/ton Au, 1.94 oz/ton Ag, across 2.27m.

3) AVERAGE GRADE AND WIDTH OF AREA BETWEEN TRENCH #6 AND 9 AND DRILL HOLES 86-9 AND 86-10:

| Block "C" | Oz/Ton <u>Au</u> | Ag | Width (<u>M)</u> | Grade x Width (Au) | Grade x Width (Ag) |
|-------------------------------|---------------------|-------|----------------------|-----------------------|-----------------------|
| Trench #6 | 0.145 | 0.724 | 3.96 | 0.574 | 2.867 |
| Drill Holes 86-9 and 86-10 | 0.481 | 1.94 | 2.27 | 1.091 | 4.403 |
| | | | 6.23 | 1.665 | 7.27 |

Average grade and width for Block "C": 0.267 oz/ton Au, 1.17 oz/ton Ag, across 3.11m.

The tonnage and grade for Block "C", based on Trench #6 and Drill Holes 86-9 and 86-10 is calculated as follows:

Length x thickness x depth:

37 m (121ft) x 3.11m (10ft) x 41m (134 ft) = 4,717.87m (166,609 ft)

 $\frac{\text{Tonnage} = \text{Volume (ft}^3)}{10 \text{ ft}^3 \text{ton}} = 16,661 \text{ tons}$

Total Tonnage for Block "C":

16,661 tons with an average grade of 0.267 oz/ton Au, 1.17 oz/ton Ag.

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TOTAL ORE RESERVES FOR BLOCKS A, B, AND C, ARE AS FOLLOWS:

| <u>Block</u> | Tons | Grade oz/ <u>Au</u> | ton <u>Ag</u> | Grade x Tons (Au) | Grade x Tons (Ag) | |
|--------------|--------|------------------------|------------------|----------------------|----------------------|--|
| A | 24,276 | 0,65 | 2.04 | 15779.4 | 4952304.0 | |
| в. | 8,158 | 0.313 | 1.17 | 2553.4 | 9544.9 | |
| С | 16,661 | 0.267 | 1.17 | 4440.5 | 19493.4 | |
| TOTAL: | 49,095 | | | 22781.3 | 78561.3 | |

Total tonnage and grade for BLOCKS A, B, C, is 49,095 tons with average grade of 0.46 oz/ton Au, 1.60 oz/ton Ag.

With the limited amount of exploration work done on the property, these reserves must be considered conservative. Data from Phase 2, Drilling Program (October-December 1986) was not available to the author to incorporate into the above figures.

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6.0 SUMMARY

A total of 931.2m of diamond drilling was carried out on the DOC CLAIMS GROUP between August 10 and September 8, 1986, for a total cost of \$191,750.00. The drilling was carried out with BQ core and a total of ten (10) holes were drilled.

The objective of the drill program was to investigate the high gold, silver values and mineralization in two main structures Q-17 and Q-22 that were exposed in the trenches.

The first group, of Holes 86-1, 86-2 and 86-3, were drilled to investigate the area between Trench No. 14 and Trench No. 4, but failed to intersect any gold values, except 86-3 where it intersected a narrow zone and assayed 0.344 oz/ton Au, 1.88 oz/ton Ag across 0.5m.

<u>The second group</u> of Holes, 86-4 and 86-5 were drilled to investigate the nature and occurrence of high gold values in massive sulphide mineralization (Trench No. 12), but both holes failed to intersect any gold values.

<u>The third group</u> of Holes, 86-6 and 86-7, were drilled to investigate the high gold values exposed in Trench No. 23. The drilling results of 86-6 and 86-7 were very encouraging and confirms that the gold mineralization occurs at a depth of 139m below the surface and that Hole 86-6 intersected a mineralized zone assaying 7.010 oz/ton Au, 25.8 oz/ton Ag across 0.4m.

<u>The</u> <u>fourth</u>, Hole 86-8, was drilled to investigate the northwest extension of the Q-17 vein structure at Baseline 3+00NW. This hole intersected a mineralized zone assaying 0.313 oz/ton Au, 1.026 oz/ton Ag across 2.0m.

<u>The fifth group</u>, of Holes, 86-9, 86-10 were drilled to investigate the southeast extension of Q-17 and Q-22. Both holes intersected very encouraging gold and silver values. <u>Hole 86-9 intersected a mineralized zone assaying 0.598 oz/ton Au</u>, 0.78 oz/ton Ag across 1.5m, and Hole 86-10 intersected a mineralized zone assaying

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0.459 oz/ton Au, 2.17 oz/ton Ag across 5.3m.

The geology comprises a northwest trend of northeast and southwest dipping felsic to mafic volcanic rocks of Triassic age. Several mineralized veins composed of milky-white quartz with 5% sulphide containing base and precious metals discordantly cutting the above volcanic rocks.

Assay data on split core from the volcanic rocks with pyrite mineralization near the vein structure, generally showed no values for gold and silver.

A compilation of available data from the 1985 Trenching and the August-September 1986 Drilling Program, has indicated that 49,095 tons of mineralization, assaying 0.46 oz/ton Au, 1.60 oz/ton Ag, may occur in the Q-17 and Q-22 vein system on the Doc Property. It would appear that that the Q-17 and Q-22 has an excellent chance for increased tonnage with further exploration. Grade definition could be stated with increased accuracy with further detailed surface drilling, and underground tunnelling and a program in this direction is warranted. However, Magna Ventures recently conducted a program similar to the above, and the results of their findings are not available to the writer at the time of writing this report.

The area of Q-17 and Q-22 requires further investigation to understand the nature and distribution of the gold mineralization.

-43-

7.0 RECOMMENDATION

At the time this report is written, a follow-up diamond drilling and underground tunnelling program has been carried out by Magna Ventures on the DOC property during October - December 1986. Therefore, based on the encouraging results from the 1986 diamond drilling program conducted by the author, it is recommended that:

- Detailed surface diamond drilling of the entire northwest southeast strike and down-dip extensions of Q-17, Q-22, for a total of 305 meters (1,000 feet).
- 2) Diamond drilling of other mineralized structures such as Q-19, and Q-25, for a total of 305 meters (1,000 feet).
- 3) Hand-trenching and detailed soil sampling of the western extension of Q-17 and Q-12 shear zones. Also, areas of interest should be tested by diamond drilling.
- 4) Prospecting and mapping of the entire claim block to locate the high grade mineralization found on the property in the 1985 and 1986 field seasons.

The cost of such a program can be more accurately estimated if and when required, but would likely be in the \$150,000 - \$200,000 range.

Respectfully submitted by Gewargis Geological Consulting Inc.

5 1 r. SULARS

Wilson A. Gewargis, B.Sc, F.G.A.C. Consulting Geologist

December 9, 1986

DATE

-44-

8.0 STATEMENT OF QUALIFICATIONS

I, Wilson Gewargis, with an address in the City of Richmond, British Columbia, do hereby certify that:

- 1. I am a Consulting Geologist with an office at Suite 405, 595 Howe Street, Vancouver, British Columbia.
- 2. This report is based upon examination of relevant maps and documents on the DOC claims group and field examination between August 6, 1986 and September 12, 1986.
- 3. I am a graduate of the University of Mosul, Iraq (1970), and hold a Bachelor of Science degree in Geology. In addition, I spent two years of post graduate studies in geology and geophysics at the University of Stuttgart, West Germany.
- 4. I have practised my profession for 16 years in British Columbia, Yukon, Ontario, U.S.A., Europe and the Middle East.
- 5. I am a Fellow of the Geological Association of Canada and a member of the Society of Mining Engineers of AIME.
- 6. I have no interest in any property or company holding property within 10 km of the DOC property.
- 7. I have received no interest, either directly, nor do I expect to receive any interest, directly or indirectly in the securities of Magna Ventures Ltd. or any affiliate nor do I beneficially own directly or indirectly, any securities of Magna Ventures Ltd. or any affiliate.

DATED at Vancouver, British Columbia, this 9th day of December, 1986.

, v. Sc-ARS'

Wilson A. Gewargis, B.Sc., F.G.A.C. Consulting Geologist -45-

9.0 BIBLIOGRAPHY

| Seraphim, R.H., 1948: | A Gold-Specularite Deposit, Unuk River, B.C., M.Sc. Thesis, U.B.C. |
|--------------------------|---|
| Kidd, D.F., Jan. 1950: | Engineer's Report to Halport Mines |
| Tully, D.₩., Oct. 1974: | Assessment Report (No. 5239) on the D.O.C. Mineral Claim Group for New Minex Resources Ltd. |
| Tully, D.W., June 1975: | Assessment Report (No. 5512) on the D.O.C. #3, 4, 11-13, 27-32 Claims, for New Minex Resources Ltd. |
| Harron, G.A., Feb. 1981: | Geological and Geochemical Report on the DOC 1-4 Claims for DuPont of Canada Exploration Ltd. (No. 8925). |
| Wahl, H.J., Oct. 1985: | Results of 1985 Trenching and Sampling on the Doc- 4, Etal mineral claims, Unuk River, B.C. |

APPENDIX "A-1"

STATEMENT OF COSTS

-Gewargis Geological Consulting Inc. -

STATEMENT OF COSTS

These figures were provided by Magna Ventures for Exploration Expenses and Cost on the DOC claims for the period August to September 30, 1986.

| TOTAL: | \$191,756.97 |
|--|---------------------------------|
| Assessment Fees | 5,720.00 |
| Report | 7,741.20 |
| Miscellaneous Expenses | 1,073.72 |
| Exploratory and Preparatory | 520.73 |
| Bank Cheques, Interest and Exchange | 640.65 |
| Licenses, Taxes and Insurance | 458.00 |
| Fees, Rent, etc. | 1,980.00 |
| Map reproduction | 364.07 |
| Field Supplies | 382.69 |
| Office Supplies | 173.62 |
| Camp Expenses | 778.63 |
| Assaying | 4,354.52 |
| Room and Board | 677.17 |
| Equipment and Rental | 2,658.92 |
| Helicopters and trucks Travel Fuel | 43,456.74 1,545.30 188.00 |
| Field Transportation | |
| Supervision and field crew Drilling | \$21,386.04 97,656.97 |
| Salaries and wages | |

From the above costs, a total of <u>\$114,596.12</u> was applied for assessment work on September 25, 1986, on the following claims, Doc 4, Greg, Greg 2, 3, 4, Q-Tee, Alf and Alf 2.

— Gewargis Geological Consulting Inc. —

APPENDIX "A-2"

ASSAY CERTIFICATES AND ASSAY SHEETS

DDH 86-1

352 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA 1 THE OFF ACME ANALYTICAL LABORATORIES LTD. PHONE 253-3158

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AUG 22 1986

DATE REPORT MAILED:

ASSAY CERTIFICATE

SAMPLE TYPE: CORES AUTI AND AGTI BY FIRE ASSAY

DEAN TOYE. CERTIFIED B.C. ASSAYER. ASSAYER:

PROJECT-DOC CLAIM FILE # 86-2205 PAGE MAGNA VENTURES LTD.

| SAMPLE# | A ⊴ ≭* OZ∕T | Au** DZ/T |
|--------------------------------------|--------------------------|--------------------------------------|
| 8001 | .01 | .001 |
| 8002 | .01 | .001 |
| 8003 | .04 | .001 |
| 8004 | .02 | .001 |
| 8005 | .03 | .001 |
| 8006 | .01 | .001 |
| 8007 | .01 | .001 |
| 8008 | .03 | .001 |
| 8009 | .01 | .001 |
| 8010 | .04 | .001 |
| 8011 | .01 | .001 |
| 8012 | .11 | .006 |
| 8013 | .02 | .001 |
| 8014 | .03 | .001 |
| 8015 | .02 | .002 |
| 8016 8017 8018 8019 8020 | .01 .01 .02 .01 | .001 .001 .001 .001 .001 |
| 8021 8022 8023 8024 8025 | .01 .01 .02 .01 | .001 .001 .001 .001 .001 |
| 8026 | .03 | .001 |
| 8027 | .01 | .001 |
| 8028 | .01 | .001 |
| 8029 | .01 | .001 |
| 8030 | .01 | .001 |
| 8031 | .02 | .001 |
| 8032 | .01 | .001 |
| 8033 | .01 | .001 |
| 8034 | .01 | .001 |
| 8035 | .02 | .001 |
| 8036 | .03 | .001 |

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| SAMPLE# | Aa** | Au** |
|---------|------|------|
| | OZ/T | OZ/T |
| | | |
| 8037 | .01 | .001 |
| 8038 | .01 | .001 |
| 8039 | :01 | .001 |
| 8040 | .01 | .001 |
| 8041 | .01 | .001 |
| | | |
| 8042 | .01 | .002 |
| 8043 | .02 | .001 |
| 4801 | .04 | .002 |

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ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE: 251-1011

DATE RECEIVED: AU6 22 1986

DATE REPORT MAILED:

Und 25 Br

PAGE

DO11 86-2

ASSAY CERTIFICATE

MAGNA VENTURES LTD PROJECT - DOC CLAIM FILE # 86-2200

| SAMPLE# | A⊈¥≭ OZ∕T | Au** OZ/T |
|--------------------------------------|--------------------------|--------------------------------------|
| 8044 | .04 | .001 |
| 8045 | .07 | .007 |
| 8046 | .01 | .001 |
| 8047 | .02 | .003 |
| 8048 | .01 | .001 |
| 8049 | .03 | .001 |
| 8050 | .02 | .001 |
| 8051 | .01 | .001 |
| 8052 | .04 | .001 |
| 8053 | .01 | .001 |
| 8054 | .03 | .001 |
| 8055 | .04 | .002 |
| 8056 | .01 | .001 |
| 8057 | .03 | .001 |
| 8058 | .02 | .001 |
| 8059 | .02 | .002 |
| 8060 | .03 | .001 |
| 8061 | .02 | .001 |
| 8062 | .02 | .001 |
| 8063 | .01 | .001 |
| 8064 | .02 | .001 |
| 8065 | .01 | .001 |
| 8066 | .04 | .001 |
| 8067 | .05 | .006 |
| 8068 | .02 | .001 |
| 8069 8070 8071 8072 8073 | .01 .01 .03 .03 | .001 .001 .001 .001 .001 |
| 8074 | .02 | .001 |
| 8075 | .01 | .001 |
| 8076 | .01 | .001 |
| 8077 | .01 | .001 |
| 8078 | .03 | .001 |
| 8079 | .03 | .001 |

MAGNA VENTURES LTD

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PROJECT-DOC CLAIM FILE# 86-2200

 SAMPLE#
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PAGE 2

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AUG 22 1986

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: 352 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE: 251-1011

DATE REPORT MAILED:

ling:

ASSAY CERTIFICATE

SAMPLE TYPE: CORES AUT AND AGT BY FIRE ASSAY

ASSAYER:

. Alf. DEAN TOYE. CERTIFIED B.C. ASSAYER.

MAGNA VENTURES LTD PROJECT-DOC CLAIM FILE# 86-2204

FAGE 1

| SAMPLE# | A¤≭≭ OZ∕T | Au** QZ/T |
|--------------------------------------|----------------------------------|--------------------------------------|
| 8082 8083 8084 8085 8085 | .01 .01 .01 .01 .05 | .001 .001 .001 .001 .001 |
| 8087 8088 8089 8090 8091 | .01 .01 .01 .01 | .001 .001 .001 .001 .001 |
| 8092 8093 8094 8095 8096 | .02 .02 .01 .01 .01 | .001 .001 .001 .001 .001 |
| 8097 8098 8099 8100 8101 | .01 .01 .01 .01 | .001 .001 .001 .001 .001 |
| 8102 8103 8104 8105 8106 | .01 .01 .01 .01 | .001 .001 .001 .001 .024 |
| 8107 8108 8109 8110 8111 | .01 .01 .01 .01 .01 | .001 .001 .001 .001 .001 |
| 8112 8113 8114 8115 8116 | .05 .09 .55 .07 1.88 | .021 .034 .106 .027 .344 |
| 8117 | .02 | .007 |

---- -

| SAMPLE# | A⊈ * ≭ OZ∕T | Au** OZ/T |
|--------------------------------------|--------------------------|--------------------------------------|
| 8118 8119 8120 8121 8122 | .01 .01 .03 .02 | .001 .001 .001 .004 .001 |
| 8123 8124 ICE BERG CUT 3 | .01 .01 40.74 | .001 .001 4.540 |

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DATE RECEIVED: SEPT 1 1986

DATE REPORT MAILED: Apt. 5/86

ASSAY CERTIFICATE

SAMPLE TYPE: CORES AUII AND AGII BY FIRE ASSAY

.N. My. .. DEAN TOYE. CERTIFIED B.C. ASSAYER. ASSAYER:

MAGNA VENTURES LTD PROJECT-DOC CLAIM FILE # 86-2397 PAGE 1

| SAMPLE# | A⊡** OZ∕T | Au** OZ/T |
|--------------------------------------|--------------------------|--------------------------------------|
| 8125 | .03 | .001 |
| 8126 | .01 | .001 |
| 8127 | .01 | .001 |
| 8128 | .01 | .001 |
| 8129 | .03 | .001 |
| 8130 | .23 | .004 |
| 8131 | .02 | .001 |
| 8132 | .10 | .003 |
| 8133 | .14 | .018 |
| 8134 | .27 | .043 |
| 8135 | .09 | .010 |
| 8136 | .01 | .001 |
| 8137 | .01 | .001 |
| 8138 | .01 | .001 |
| 8139 | .01 | .001 |
| 8140 8141 8142 8143 8144 | .01 .01 .01 .01 | .001 .001 .001 .001 .001 |
| 8145 | .08 | .021 |
| 8146 | .01 | .001 |
| 8147 | .01 | .002 |
| 8148 | .14 | .036 |
| 8149 | .03 | .006 |
| 8150 | .01 | .001 |
| 8151 | .02 | .002 |
| 8152 | .03 | .001 |
| 8153 | .04 | .007 |
| 8154 | .09 | .018 |
| 8155 8156 8157 8158 8159 | .01 .01 .01 .08 | .003 .002 .001 .013 .001 |
| 8160 | .01 | .001 |

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MAGNA VENTURES LTD PROJECT-DOC CLAIM FILE # 86-2397 PAGE

| SAMPLE# | Aq ** DZ/T | Au** OZ/T |
|--------------------------------------|---------------------------------|--------------------------------------|
| 8161 8162 8163 8164 8165 | .01 .01 .02 .04 .01 | .001 .001 .001 .007 .001 |
| 8166 4803 | .01 | .001 |

ME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 DATA LINE: 251-1011 PHONE 253-3158

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DATE RECEIVED: SEPT 8 1986

DATE REPORT MAILED:

Sept. 11/86.

PAGE 1

ASSAY CERTIFICATE

SAMPLE TYPE: CORES AUII AND AGII BY FIRE ASSAY WIDEAN TOYE. CERTIFIED B.C. ASSAYER. ASSAYER:

SAMPLE# Ao** Au**

PROJECT-DOC CLAIM FILE# 86-2524 MAGNA VENTURES

| | | OZ/T | OZ/T |
|------------|------|-------|-------|
| | 8167 | .01 | .001 |
| | 8168 | .04 | .006 |
| | 8169 | .01 | .001 |
| | 8170 | .01 | .001 |
| | 8171 | .01 | .002 |
| 26-5 | 8172 | .05 | .013 |
| | 8173 | .03 | .010 |
| | 8174 | .05 | .017 |
| | 8175 | .10 | .037 |
| | 8176 | .03 | .010 |
| | 8177 | .03 | .005 |
| | 8178 | .07 | .001 |
| | 8179 | .05 | .002 |
| | 8180 | .11 | .019 |
| | 8181 | 1.20 | .425 |
| | 8182 | .02 | .008 |
| | 8183 | .01 | .009 |
| | 8184 | 25.80 | 7.010 |
| | 8185 | 3.90 | 1.060 |
| | 8186 | 2.55 | .556 |
| | 8187 | .87 | .235 |
| | 8188 | .47 | .127 |
| | 8189 | .17 | .045 |
| | 8190 | .03 | .006 |
| | 8191 | .02 | .008 |
| 6 / | 8192 | .02 | .001 |
| | 8193 | .01 | .002 |
| | 8194 | .06 | .015 |
| | 8195 | .07 | .017 |
| | 8196 | .02 | .004 |
| | 8197 | .01 | .001 |
| | 8198 | .08 | .023 |
| | 8199 | .04 | .007 |
| | 8200 | .01 | .004 |

.06 .009

.02 .001

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MAGNA VENTURES PROJECT-DOC CLAIM FILE # 86-2524

PAGE 2

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| SAMPLE# | Aạ≭≭ DZ∕T | Au ** OZ/T |
|---------|--------------|----------------------|
| 8203 | .02 | .004 |
| 8204 | .07 | .016 |
| 8205 | .10 | .011 |
| 8206 | .02 | .007 |

212 Brooksbank Ave. North Vancouver, B.C. Canada V7J 2C1 Phone: (604) 984-0221 Telex: 043-52597

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| | | |

TO :

8216

Analytical Chemists

Geochemists Registered Assayers

CERTIFICATE OF ASSAY

| MAGNA | VENTURES | ITD. |
|-------|----------|------|
| PAUNA | VENTORCO | C10. |

010 811 - 850 W. HASTINGS VANCOUVER, B.C.

1220 - 800 W. PENDER ST. VANCOUVER, BC V6C 1J8

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| | DOC CLAIM | | |

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| | ATTN: MR. | ED. MUEL | LER CC | : WILSON | GEWARGIS | |
|---|-------------|----------|---------|----------|--|------|
| | Sample | Prep | Ag oz/T | AU OZ/T | ······································ | |
| Ì | description | code | RUSH FA | RUSH FA | | |
| | 8208 | 236 | 0.26 | 0.094 | | |
| | 8209 | 236 | 0.07 | 0.014 | | |
| | 8210 | 236 | 0.05 | 0.006 | | |
| | 9 8211 | 236 | 3.21 | 0.934 | | |
| - | 8212 | 236 | 1.20 | 0.364 | | |
| | 8213 | 236 | 2.36 | 0.760 | | |
| | 8214 | 236 | 0.19 | 0.072 | | |
| | 8215 | 236 | 0.64 | 0.212 | | |

0.38

VOI rev. 4/85 nen Registered Assayer, Province of British Columbia



Analytical Chemists

Geochemists

Registered Assayers

212 Brooksbank Ave. North Vancouver, B.C. Canada V7J 2C1 Phone: (604) 984-0221 Telex: 043-52597

CERTIFICATE OF ASSAY

TO : MAGNA VENTURES LTD.

VANCOUVER, BC

V6C 1J8

811 - 850 W.Hastings st., VANCOUVER, BC VGC IEI

1220 - 800 W. PENDER ST.

: A8618154-001-A CERT• # INVUICE # : 18618154 DATE : 24-SEP-86 P.O. #

: NONE

DOC CLAIM

| | | | | | Rei | Stand & C. State | 2.00.100 |
|-----------------|---------|-------|------------|-------|-----|------------------|----------|
| ATTN: MR. ED | MUELLER | cle : | WILSON GEW | ARGIS | | r 0 | |
| Sample | Prep | Ag FA | AU FA | | | | |
| description | code | oz/T | oz/T | | | | |
| 86-09 71-81 | 207 | 0.16 | <0.002 | | | | |
| 86-09 81-83.6 | 207 | 0.51 | 0.014 | | | | |
| 86-09 83.6-85 | 207 | 0.82 | 0.017 | | | | |
| 86-09 85-95 | 207 | 0.71 | 0.014 | | | | |
| 86-09 95-100.6 | 207 | 0.75 | 0.014 | | | | |
| 86-09 100.6-104 | 207 | 0.49 | 0.006 | | | | |
| 86-09 104-112.6 | 207 | 0.59 | 0.000 | | | | |
| 86-09 112.6-114 | 207 | 0.40 | 0.004 | | | | |
| 86-09 114-125 | 207 | 0.26 | 0.018 | | | | |
| 86-09 125-135 | 207 | 0.20 | 0.024 | | | | ' |
| 86-09 135-145 | 207 | 0.22 | 0.060 | | | | |
| 86-10 52-62 | 207 | 80.0 | 0.018 | | | | |
| 86-10 62-74 | 207 | 0.08 | 0.016 | | | | |
| 36-10 74-84 | 207 | 0.27 | 0.006 | | | | |
| 86-10 84-93.6 | 207 | 1.65 | 0.494 | | | | |
| 86-10 93.6-98.6 | 207 | 2.25 | 0.908 | | | | |

VOI rev. 4/85 Registered Assayer, Province of British Columbia

VGC IEI

212 Brooksbank Ave. North Vancouver, B.C. Canada V7J 2C1 Phone: (604) 984-0221 Telex: 043-52597

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TO : MAGNA VENTURES LTD.

VANCOUVER, BC

V6C 1J8

1220 - 800 W. PENDER ST.

207

207

207

8253 8254

8255

Analytical Chemists

Geochemists

Registered Assayers

CERTIFICATE OF ASSAY CERT. # 811-850 W. HASTINGS ST. INVOICE # : VANCOUVER, BC

: A8618137-001-, 18618137 DATE 1-0CT-86 : P.O. # : NONE DOC CLAIM

| | | | | a de | | | | | |
|-----------|-------|------|------------|-------|----------|---------|-----------|-----|-----|
| <u>AT</u> | TN: I | MR • | ED MUELLER | | WILSUN G | EWARGIS | A.L. 07/T | | |
| . sa | mpie | • | Prep | AG FA | AU FA | | | | |
| des | cript | ion | <u></u> | 0271 | 0271 | | KUSH PA | | |
| 8207 | | | 207 | | | 0.08 | 0.016 | | _ |
| 8217 | | | 207 | 0 07 | 0 004 | 0.14 | 0.010 | | _ |
| 8218 | | | 207 | 0.07 | 0.004 | | | | _ |
| 8219 | | | 207 | 0.11 | 0.020 | | | | _ |
| 8220 | | | 207 | 2.15 | | | | | _ |
| 8221 | | | 207 | 0.10 | 0.048 | | | | - |
| 8222 | | | 207 | 0.05 | 0.006 | | | | _ |
| 8223 | | | 207 | | 0.004 | | | | _ |
| 8224 | | | 207 | 0.01 | 0.002 | | | | |
| 8225 | | | 207 | 0.05 | <0.00Z | | | | · - |
| 8226 | | | 207 | 0.05 | 0.002 | | | | - |
| 8227 | | | 207 | 0.02 | 0.002 | | | | |
| - 8228 | | | 207 | 0.05 | 0.002 | | | | - |
| 3229 | | | 207 | 0.07 | <0.002 | | | | |
| 8230 | | | 207 | 0.01 | 0.002 | | | | - |
| 8231 | | | 207 | | | 0.06 | <0.003 | | - |
| 8232 | | | 207 | | | 0.08 | 0.004 | | - |
| 8233 | | | 207 | | | 3.18 | 0.998 | | - |
| 8234 | | | 207 | | | 0.18 | 0.060 | | |
| 8235 | | | 207 | 0.15 | 0.020 | | | | - |
| 8236 | | | 207 | 0.13 | 0.008 | | | | - |
| 8237 | | | 207 | 0.03 | <0.002 | | | ~ - | - |
| 8238 | | | 207 | 80.0 | 0.010 | | ** | | · - |
| 8239 | | | 207 | 0.03 | 0.008 | | | | - |
| 8240 | | | 207 | 0.07 | 0.008 | | | | - |
| 8241 | | | 207 | 0.48 | <0.002 | | | | - |
| 8242 | | | 207 | 0.08 | 0.002 | | ÷- | | - |
| 8243 | | | 207 | 0.13 | 0.012 | | | | - |
| 8244 | | | 207 | 0.23 | 0.044 | | | | - |
| 8245 | | | 207 | | | 0.06 | <0.003 | | - |
| 8246 | | | 207 | | | 1.03 | 0.574 | | - |
| 8247 | | | 207 | | | 0.03 | 0.032 | | - |
| 8248 | | | 207 | | | 0.03 | 0.010 | | - |
| 8249 | | | 207 | | | 0.03 | 0.014 | | - |
| 8250 | | | 207 | | | 0.05 | 0.010 | | - |
| 8251 | | | 207 | | | 0.07 | 0.014 | | - |
| 8252 | | | 207 | | | 0.05 | 0.012 | | - |

0.61

0.04

0.06

- --

Registered Assayer, Province of British Columbia

0.270

0.040

0.096

Analytical Chemists · Geochemists · Registered Assayers

212 Brooksbank Ave. North Vancouver, B.C. Canada V7J 2C1 Phone: (604) 984-0221 043-52597 Telex:

CERTIFICATE OF ASSAY

TO : MAGNA VENTURES LTD.

1220 - 800 W. PENDER ST. VANCOUVER, BC V6C 1J8

CERT. # : A8618137-002-; INVOICE # : 18618137 DATE : 1-0CT-86 : NONE P.O. # DOC CLAIM

| | ATTN: MR. | ED MUELLER | : 33 | WILSON G | EWARGIS | | | |
|-----|-------------|------------|-------|----------|---------|---------|-----|---------|
| | Sample | Prep | Ag FA | Au FA | Ag oz/T | Au oz/T | | |
| | description | code | oz/T | oz/T | RUSH FA | RUSH FA | | |
| | 8256 | 207 | | | 0.82 | 0.844 | | |
| | 8257 | 207 | 0.71 | 0.106 | | | | |
| | 8258 | 207 | 0.44 | 0.036 | | | | |
| | 8259 | 207 | 0.07 | 0.012 | | | | |
| . • | 8260 | 207 | | | 1.22 | 0.042 | | |
| | 8261 | 207 | | | 4.72 | 0.304 | ~ - | |
| | 8262 | 207 | | | 2.99 | 0.294 | | ÷ - |
| | 8263 | 207 | | | 1.65 | 0.194 | | |
| | 8264 | 207 | | | 1.23 | 0.590 | | |
| | 8265 | 207 | | | 4.06 | 0.500 | | جد جد ا |
| | 8266 | 207 | | | 0.35 | 0.712 | | |

VOI rev. 4/8 Registered Assayer, Province of British Columbia

SAMPLES ASSAY SHEET

PROPERTY ASSAYER .AGME. LAB.....

LOCATION Unuk River SHEET Not of 1

HOLE No.

| SAMPLE DEPTH(M) | | | ASSAYS | | | LENGTH X ASSAY | | | λΥ | AVERAGE ASSAY | | | | |
|-----------------|----------|----------|---------|-------|---|---------------------------------------|----------|---------------------------------------|---------------------------------------|---------------|-------|----------|-------------|---------------|
| No. | FROM | ТО | LENGTH | Ayt | oz/t | | | | | | | | | |
| 8001 | 13.4 | 13.8 | 0.4 | 0.001 | 0.01 | | | | | | | | | |
| | | | | | 0.01 | · | | | | | | | | |
| 8002 | 1/.1 | 18.2 | 1.1 | 0.001 | 0.01 | · | | | | | | | | |
| | | <u> </u> | | | | | | | | | | | | <u> </u> |
| 8003 | 29.8 | 30.2 | 0.4 | 0.001 | 0.04 | | | | | | | | | |
| 8004 | 30.2 | 30.8 | 0.6 | 0.001 | 0.02 | | | | | | | | | |
| 8005 | 30.8 | 32.2 | 1.4 | 0.001 | 0.03 | | | | | | | | | · · · · · |
| 8006 | 32.2 | 33.5 | 1.3 | 0.001 | 0.01 | | | | | | | | | |
| 8007 | 33.5 | 34.1 | 0.6 | 0.001 | 0.01 | | | | | | | | | [|
| 8008 | 34.1 | 34.4 | 0.3 | 0.001 | 0.03 | | | | | | | | | |
| <u>80</u> 09 | 34.4 | 35.4 | 1.0 | 0.001 | 0.01 | | | | | | | | | |
| | | | | 0 001 | 0.01 | | | | | | | | | |
| 8010 | 40.4 | 40.9 | 0.5 | 0.001 | 0.04 | | | · · · · · · · · · · · · · · · · · · · | | | | | | |
| | <u> </u> | | | | | | | | | | | | . <u> </u> | |
| 0.011 | | E1 0 | <u></u> | 0.001 | 0 01 | | | | | | | | | |
| 0011 | 49.8 | 51.9 | 2.1 | 0.001 | 0.01 | | | | | | | | | |
| 8012 | 51.9 | 52.2 | 0.3 | 0.006 | 0.11 | | | | | | | | | |
| 8013 | 52.2 | 53.3 | 1.1 | 0.001 | 0.02 | · | | | | | | | | |
| 8014 | 53.3 | 54.4 | 1.1 | 0.001 | 0.03 | | | | | | | | | |
| 8015 | 54.4 | 54.7 | 0.3 | 0.002 | | | | | | | | | | |
| 0017 | | 55.0 | 0.0 | 0.001 | 0.01 | | | | | | | | | <u> </u> |
| 0017 | 56.0 | 50.0 | 0.5 | 0.001 | 0.01 | ····· | | | | | | · | | Į |
| 0010 | 57.6 | | 1.2 | 0.001 | 0.01 | | | · · · · · · · · · · · · · · · · · · · | · | | | | · · | |
| 8020 | 59.9 | 60.0 | 1 2 | 0.001 | 0.02 | | | | | | | | | <u> </u> |
| 8021 | 60.0 | 61.0 | 1.0 | 0.001 | 0.01 | | | | | | | | · | |
| 8022 | 61.0 | 61.9 | 0.9 | 0.001 | 0.01 | | | | | | | | | h |
| 8023 | 61.9 | 62.7 | 0.8 | 0.001 | 0.01 | | | | 1 | | | | | <u>}</u> |
| 8024 | 62.7 | 63.6 | 0.9 | 0.001 | 0.02 | | | | | | | | | [|
| 8025 | 63.6 | 64.6 | 1.0 | 0.001 | 0.01 | | | | | | | | [| t |
| 8026 | 64.6 | 65.4 | 0.8 | 0.001 | 0.03 | | | | | | | | 1 | 1 |
| 8027 | 65.4 | 66.4 | 1.0 | 0.001 | 0.01 | | | | | | | · · · | | |
| 8028 | 66.4 | 67.0 | 0.6 | 0.001 | 0.01 | | | | | | | | | |
| 8029 | 67.0 | 68.0 | 1.0 | 0.001 | 0.01 | | | | | | | | | <u> </u> |
| 8030 | 68.0 | 68.9 | 0.9 | 0.001 | 0.01 | | 1 |] | | ļ | | | | |
| 8031 | 68.9 | 69.7 | 0.8 | 0.001 | 0.02 | | | . | | ļ | | | | <u> </u> |
| 8032 | 69.7 | 70.7 | 1.0 | 0.001 | 0.01 | | | | | | | <u> </u> | | |
| 8033 | 70.7 | 71.6 | 0.9 | 0.001 | 0.01 | | | | | | | | | <u> </u> |
| 8034 | 71.6 | 72.8 | 1.2 | 0.001 | 0.01 | | | | | | | | | ļ |
| 8035 | 76.2 | 75.0 | 0.8 | | 0.02 | | | | | | | | · · · · · · | |
| 8027 | 75.0 | 75.5 | 0.0 | 0.001 | 0.01 | | | | | | | { | | ┣─── |
| 8038 | 75.5 | 76.8 | 13 | 0 001 | 0.01 | | | | | | | | · | - |
| 8039 | 76.8 | 77.5 | 0.7 | 0.001 | 0.01 | . | <u> </u> | | | | | | | |
| 8040 | 77.5 | 78.1 | 0.6 | 0.001 | 0.01 | | | | | | | | | <u> </u> |
| | | | | | , | | | | | | | · | | } _ |
| 8041 | 86.0 | 86.3 | 0.3 | 0.001 | 0.01 | | | · | | | | | | |
| | | | | | | · · · · · · · · · · · · · · · · · · · | [] | | , | | | | | |
| 3042 | 94.2 | 94.6 | 0.4 | 0.002 | 0.01 | | | | | | | | | <u>├</u> ──── |
| 8043 | 94.6 | 95.3 | 0.7 | 0.001 | 0.02 | | | · | | | · _ · | | | <u> </u> |
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PROPERTY ACME LAB

SAMPLES ASSAY SHEET

| SAMPLE | DEF | TH(M) | | 1 | ASS | AYS | | | NGTH | K ASSA | Y | AVE | RAGE | SSAY |
|-------------|-------|-------|--------|----------|--------------|---------------|----------|----------|----------|------------|------------|----------|---|--------------|
| No. | FROM | ТО | LENGTH | oz/t | oz7t | | | | | | | | | Γ |
| 8044 | 14.2 | 15.0 | 0.8 | 0.001 | 0.04 | | | | | | | | | 1 |
| | | | | | | | | | | | | | | |
| 8045 | 18.9 | 19.2 | 0.3 | 0.007 | 0.07 | | | ļ | | | | | | |
| 8046 | 19.9 | 20.3 | _0_4 | 0.001 | 0.01 | | | ├ | | | | | | |
| 901.7 | 21 0 | 22.6 | 0.8 | 0.003 | 0.02 | | | | | | — | | | |
| 8048 | 22.6 | 23.0 | 0.4 | 0.001 | <u>ŏ.ŏ</u> 1 | | | ┟{ | | | | | . <u> </u> | |
| 8049 | 23.0 | 24.3 | 1.3 | 0.001 | 0.03 | | | | | | | | | |
| 8050 | 24.2 | 24.7 | 0.3 | 0.001 | 0.02 | | | | | | | | | |
| 8051 | 24.7 | 25.0 | 0.3 | 0.001 | 0.01 | | | ¦ | | | | | | |
| 8052 | 25.0 | 25.4 | 0.4 | 0.001 | 0.04 | | | | | | | | | |
| 8053 | 25.4 | 25.8 | 0.4 | 0.001 | 0.01 | | _ | | · | | | | · | |
| 0034 | 25.0 | 20.8 | 1.0 | 0.001 | 0.03 | | | <u> </u> | | | | | | |
| 8055 | 33.7 | 34.7 | 1.0 | 0.002 | 0.04 | | | | | | | | | + |
| 8056 | 34.7 | 35.3 | 0.6 | 0.001 | 0.01 | | | | | | | | | <u>+</u> |
| 8057 | 35.3 | 36.7 | 1.4 | 0.001 | 0.03 | | | i | | | | | | |
| 8058 | 36.7 | 37.5 | 1.0 | 0.001 | 0.02 | | | | | | | | | |
| 8059 | 37.5 | 38.7 | 1.2 | 0.002 | 0.02 | 1 | | 1 | | | | | <u>-</u> | |
| 8060 | 38.7 | 39.3 | 0.6 | 0.001 | 0.03 | <u> </u> | | | | | | | | |
| 8061 | 39.3 | 40.0 | 0.7 | 0.001 | 0.02 | | | | | | | | | |
| 8062 | 40.0 | 40.5 | 0.5 | 0.001 | 0.02 | | | | | | | | | |
| 8063 | 40.5 | 41.1 | 0.6 | 0.001 | 0.01 | | | 1 | <u> </u> | | | | | |
| 8064 | 41.1 | 42.4 | 1.3 | 0.001 | 0.02 | | | | <u> </u> | · · | ···· | | | |
| 8065 | 45 7 | 46 4 | 0.7 | 0.001 | 0.01 | <u> </u> | | | | · | | | } | |
| 8066 | 46 4 | 40.4 | 2.6 | 0.001 | 0.04 | h | 0.002 | dz/t Au. | 0.08 oz | /t Ag ag | ross 3. | 6m | | |
| 8067 | 48.8 | 50.0 | 1.2 | 0.006 | 0.05 | ا۲ | | 1 | | [| . <u> </u> | <u>├</u> | { | + |
| 8068 | 50.0 | 51.1 | 1.1 | 0.001 | 0.02 | . | | 1 | | | | | | |
| 8069 | 51.1 | 52.0 | 0.9 | 0.001 | 0.01 | | | | | | | | | |
| 8070 | 52.0 | 53.0 | 1.0 | 0.001 | 0.01 | | \ | | | | | | | |
| 8071 | 53.0 | 54.2 | 1.2 | 0.001 | 0.01 | | ļ | | | | | L | L | |
| 8072 | 54.2 | 55.3 | 0.9 | 0.001 | 0.03 | ļ | <u> </u> | <u> </u> | | - · · | | · · · | <u> </u> | _ |
| 8073 | 55.3 | 56.2 | 0.9 | 0.001 | 0.01 | <u> </u> | | | | | | | ļ | |
| 8074 | 56.2 | 5/.1 | 0.9 | 0.001 | 0.02 | | | | | | | | | |
| C100/5 | 121.1 | 31.0 | 1-9.1- | 0.001 | 0.01 | · {· | <u>}</u> | | | | | | | + |
| 8076 | 61.5 | 62.3 | 0.8 | 0.001 | 0.01 | <u> </u> | <u> </u> | | | | | | <u>├</u> | |
| 8077 | 62.3 | 63.1 | 0.8 | 0.001 | 0.01 | | | | | | | | <u> </u> | + |
| 8078 | 63.1 | 63.8 | 0.7 | 0.001 | 0.03 | | | | | | | | | |
| 8079 | 63.8 | 64.2 | 0.4 | 0.001 | 0.03 | | [| | | | | | | |
| <u>8080</u> | 64.2 | 64.6 | 0.4 | 0.001 | 0.01 | | · | i | | | | | | |
| 8081 | 67 / | 67.7 | 03 | 0.001 | 0.01 | | · | | | | <u> </u> | | | |
| 0001 | 07.4 | | 0.0 | 0.001 | | | | | | | | | | |
| . <u></u> | | | | | | | <u> </u> | | | | | | | + |
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SAMPLES ASSAY SHEET

PROPERTY DOC ACME LAB

LOCATION Unuk River SHEET Not of 2

HOLE No. 86-3

| SAMPLE | | | | | ASS | AYS | | LE | INGTH | x ASSA | <u>۱</u> ۲ | AVE | RAGE A | SSAY |
|--------|------|----------|------------------|------------|--------|----------|----------|----------|------------|---------------------------------------|-------------------|---------------------------------------|-----------|--------------|
| No. | FROM | то | ILENGIH I (M) | Au oz/t | oz/t | | | | | | | | · · | Ţ. |
| 8082 | 15.7 | 16.2 | 0.5 | 0.001 | 0.01 | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | [- - |
| 8083 | 21.9 | 22.4 | 0.5 | 0.001 | 0.01 | | ļ | | | | | | | Ļ |
| | | · | <u> </u> | | | | | | | | | | | |
| | | | <u> </u> | 0.001 | 0.01 | | ļ | | | | | · · · · · · · · · · · · · · · · · · · | | |
| 8084 | 34.9 | 35.3 | 0.4 | 0.001 | 0.01 | | <u> </u> | | | | | | | <u> </u> |
| | | | <u> </u> | 0.001 | | | | | ···· | | | <u>}</u> - | <u> </u> | ┫╼━━━- |
| 8085 | 44.2 | 44.5 | 0.3 | 0.001 | 0.01 | <u> </u> | | | | | | | | |
| 90.06 | 66.2 | 56 6 | | 0.001 | 0.05 | | | | | | | <u> </u> | | <u> </u> |
| 0000 | 50.3 | 50.0 | 0.3 | 0.001 | | <u> </u> | + | <u> </u> | | | | <u> </u> | <u> </u> | ├ |
| 8087 | 24.1 | 33.4 | <u> </u> | 0.001 | 0.01 | | | | | | | | | <u>+-</u> |
| 0000 | 62.6 | 63.0 | 04 | 0 001 | 0.01 | | <u>}</u> | | | | | <u>}</u> | | |
| 8089 | 63.0 | 63.2 | 0.2 | 0.001 | 0.01 | | 1 | | | | | <u> </u> | | + |
| 8090 | 63.2 | 63.7 | 0.5 | 0.001 | 0.01 | | | | | | | <u> </u> | | ╂-── |
| | 0012 | | | | | <u> </u> | d | | | <u> </u> | | | | |
| 9001 | 66 5 | 67.0 | 0.5 | 0 001 | 0.01 | ┨───── | <u> </u> | <u> </u> | <u> </u> | | | <u> </u> | | ╂──── |
| 0091 | 67.0 | 68 1 | | 0 001 | 0.02 | | | | | f | | <u> </u> | | |
| 8093 | 68.1 | 68.6 | 0.5 | 0.001 | 0.02 | | | | | | | | | <u> </u> |
| 800% | 68.6 | 60 0 | 13 | 0 001 | 0.01 | | | | _ | | | | <u> </u> | ╆━━ |
| 9005 | 60.0 | 70 7 | 0.8 | 0.001 | 0.01 | | 1 | | | · · · · · · · · · · · · · · · · · · · | | | | |
| 8096 | 70.7 | 71.2 | 0.4 | 0.001 | 0.01 | <u> </u> | + | | | | · · · · · · · · · | | <u></u> | <u> </u> |
| 8097 | 71.2 | 71.9 | 0.7 | 0.001 | 0.01 | | | ···· | | | | <u> </u> | | |
| 8098 | 71.9 | 72.7 | 0.8 | 0.001 | 0.01 | | 1 | | | | | t | | |
| 8099 | 72.7 | 73.8 | 1.1 | 0.001 | 0.01 | | | | | | | | | 1 |
| 8100 | 73.8 | 74.3 | 0.5 | 0.001 | 0.01 | | | | | | | | | 1 |
| | | | | | | | | | | | | | | |
| 8101 | 76.3 | 76.6 | 0.3 | 0.001 | 0.02 | | | l | | | | | | |
| | | <u> </u> | | | | | | | | | | <u> </u> | | |
| 8102 | 77.7 | 78.9 | 1.2 | 0.001 | 0.01 | ļ | | ļ | | <u> </u> | | <u> </u> | | |
| 8103 | 78.9 | /9./ | 0.8 | 0.001 | | | _ | ļ | | <u> </u> | | <u> </u> | <u> </u> | <u> </u> |
| 8104 | 79.7 | 80.2 | 0.5 | 0.001 | 0.01 | <u> </u> | | ļ | · | | | · | | <u> </u> |
| | | | | | ļ | ļ | | | | | | ļ | | ļ |
| 0105 | 94 1 | 0/ 6 | 0.5 | 0.001 | | <u> </u> | | | | | | | | ļ |
| 0105 | 04.1 | 85 0 | <u>0.5</u> | 0.001 | 0.01 | | | | <u> </u> | | | | | ╂ |
| 8100 | 04.0 | 85.6 | 0.4 | 0.024 | 0.00 | | ·{ | | | | | | <u> </u> | |
| 8109 | 85.6 | 86 9 | 1 3 | 0.001 | 0.01 | ┟──── | + | { | | + | | <u> - ·</u> · | | ┝ |
| 8100 | 86.0 | 87.8 | <u> </u> | 0.001 | 0.01 | [| · | | <u> </u> | | | | | |
| 8110 | 87.8 | 88.7 | 0.9 | 0.001 | 0.01 | <u> </u> | | | | · | | <u> </u> | | + |
| 8111 | 88.7 | 89.7 | 1.0 | 0.001 | 0.0 | | | | | | | | | |
| 8112 | 89.7 | 91.6 | 1.3 | 0.021 | 0.05 • | | 1 | | | | | | | } |
| _ 8113 | 91.0 | 91.4 | 0.4 | 0.034 | 0.09 | 1 | | | | <u> </u> | | | - | <u>+</u> - |
| 8114 | 91.4 | 92.0 | 0.6 | 0.106 | 0.55 | ŀ | 0.069 0: | /t Au, | D.33 oz/ | t Ag acı | oss 4.3 | p | | |
| _8115 | 92.0 | 92.5 | 0.5 | 0.027 | 0.07 | | OR 0.150 | oz/t A | u, 0.81 | oz/t Ag | across | L.6m | | † |
| 8116 | 92.5 | 93.0 | 0.5 | 0.344 | 1.88 | <u> </u> | | | | | | 1 | | <u>├</u> ─── |
| 8117 | 93.0 | 94.0 | 1.0 | 0.007 | 0.02 | <u> </u> | | | | | | | | _ |
| 8118 | 94.0 | 95.0 | 1.0 | 0.001 | 0.01 | | ļ | | | | | | | |
| 8119 | 95.0 | 95.3 | 0.3 | 0.001 | 0.01 | | | | | <u> </u> | | | | |
| - 8120 | 95.3 | 96.3 | 0.5 | 0.001 | 0.01 | | <u> </u> | | | | <u></u> | ļ | | |
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DOC ACME LAB

LOCATION Unuk River SHEET No. 2 of 2

SAMPLES ASSAY SHEET

| SAMPLE | E DEPTH (M) | | | 1 | ASS | AYS | | L | ENGTH | x ASS | AY | AVE | RAGE A | SSAY |
|----------|-------------|------------|----------|---------|---------------------------------------|----------|----------|----------|------------|---------------------------------------|------------|-----------|-----------|------------|
| No. | FROM | то | LENGTH | Ay | Ag | | | | | | [| [| (· | [|
| 8121 | 96.3 | 97.2 | 0.9 | 0.004 | 0.03 | <u>}</u> | | | <u> </u> | <u>}</u> | | | | <u> </u> |
| 8122 | 97.2 | 97.9 | 0.7 | 0.001 | 0.02 | [| | | | | | | | <u>+</u> |
| 8123 | 97.9 | 99.2 | 1.3 | 0.001 | 0.01 | | | | | | | | | |
| | | | | | | | | | ļ | | | | | |
| 8124 | 107.7 | 108.2 | 0.5 | 0.001 | 0.01 | | | ļ | | L | <u> </u> | | | |
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SAMPLES ASSAY SHEET

LOCATION Unuk River SHEET No. 1 of 1

PROPERTY

HOLE No. 86-4

| SAMPLE | E DEPTH (M) | | | | ASS | AYS | | ι ι | ENGTH | x ASS | AY | AVE | RAGE A | SSAY |
|-------------|-------------|----------|----------|---|----------|---------------------|----------|------------|------------|---------------|----------|--|----------|----------|
| No. | FROM | то | LENGTH | AU 077t | Agt | I | | | T | | | | | |
| 8125 | 12.5 | 12.8 | 0.3 | 0.001 | 0.03 | | | i | | | | | | |
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| 8126 | 21.6 | 21.9 | 0.3 | 0.001 | 0.01 | | | | | ļ | | | | <u> </u> |
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| 0107 | | • | | | | | | | | <u> </u> | | | | |
| 0127 | 36.9 | 37.5 | 0.5 | 0.001 | 0.01 | | | <u></u> | | | | | | |
| | · | | | | } | } | <u> </u> | - | | + | } | } | <u> </u> | ┨ |
| <u>9128</u> | 43.0 | 1.6. 2 | 0.3 | 0.001 | 0.01 | | | | - | | | | · | · |
| 0120 | 43.3 | | | 0.001 | 0.01 | | { | <u> </u> | | <u> </u> | i | | | |
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| 8129 | 55.9 | 56.5 | 0.6 | 0.001 | 0.03 | | | { | | <u>├</u> ──── | | | | |
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| 8130 | 59.4 | 59.7 | 0.3 | 0.004 | 0.23 | | | | | - | | İ | | |
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| 8131 | 62.5 | 62.9 | 0.4 | 0.001 | 0.02 | 1 | [| | | | 1 | [| <u> </u> | |
| 8132 | 62.9 | 63.4 | 0.5 | 0.003 | 0.10 | | | | | 1 | | 1 | | |
| 8133 | 63.4 | 64.0 | 0.6 | 0.018 | 0.14 | | 1 | | | | | | | i |
| 8134 | 64.0 | 64.8 | 0.8 | 0.063 | 0.27 | | 0.023 o | z/t Au | , 0.145 (| z/t Ag a | icross 3 | .2m | · · · | |
| 8135 | 64.8 | 66.1 | 1.3 | 0.010 | 0.09 / | 1 | | | | | | | | |
| 8136 | 66.1 | 66.7 | 0.6 | 0.001 | 0.01 | | | | | | | † | 1 | <u> </u> |
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PROPERTY DOC CLAIMS ASSAYER

SAMPLES ASSAY SHEET

HOLE No.

| SAMPLE | DEF | | | | ASS | AYS | | L | ENGTH | x ASS. | AY | AVE | RAGE A | SSAY |
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| 0127 | 7 0 | | | 0 001 | | <u> </u> | + | | <u> </u> | | | | | |
| 6137 | 7.9 | 0.2 | 0.5 | 0.001 | 0.01 | | | ····· | | | | | } | <u></u> |
| | | | | | | | | | | | | | | |
| 8138 | 42.2 | 42.6 | 0.4 | 0.001 | 0.01 | | | | | | <u> </u> | | [<u> </u> | |
| 0120 | 10 0 | 102 | 0.3 | 0 001 | 0.01 | | · | | | | | <u> </u> | | |
| 8139 | 40,9 | 49.2 | 0.3 | 0.001 | 0.01 | <u> </u> | | <u> </u> | | | | <u> </u> | | |
| 8140 | 58.2 | 58.7 | 0.5 | 0.001 | 0.01 | 1 | | | | | | | <u> </u> | |
| 8141 | 58.7 | 59.0 | 0.3 | 0.001 | 0.01 | | | | | | | | | |
| 8142 | 59.0 | 59.9 | 0.9 | 0.001 | 0.01 | | 1 | | | 1 | | | [| [|
| 8143 | 59.9 | 60.2 | 0.3 | 0.001 | 0.01 | | 1 | · | 1 | | ····· | [| | |
| 8144 | 60.2 | 60.8 | 0.6 | 0.001 | 0.01 | | | | | <u> </u> | | | <u> </u> | |
| 8145 | 60.8 | 61.3 | 0.5 | 0.021 | 0.08 | | | | | | 1 | · | | |
| 8146 | 61.3 | 61.9 | 0.6 | 0.001 | 0.01 | | <u> </u> | | | 1 | | | | <u> </u> |
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| 8147 | 64.9 | 65.4 | 0.5 | 0.002 | 0.01 | | | | | | | | | |
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| 8148 | 82.0 | 83.2 | 1.2 | 0.036 | 0.14 | | ļ | | . <u> </u> | | | | 1 | |
| | 01 0 | 0.5 0 | | 0.006 | 0.02 | | | | | | <u> </u> | | | |
| 8149 | 94.0 | 95.2 | 0.0 | 0.000 | 0.03 | | <u> </u> | | | | ļ | | | |
| 8150 | 95.2 | 95.8 | 0.0 | 0.001 | 0.01 | | <u>}</u> | <u> </u> | | <u> </u> | <u>}</u> | | | ļ |
| 8151 | 95.8 | 96.4 | 0.0 | 0.002 | 0.02 | | <u> </u> | | | | | | | |
| 8152 | 96.4 | 97.3 | 0.9 | 0.001 | 0.03 | | | | | | | | | |
| | | | | 0.007 | 0.06 | <u> </u> | | | <u> </u> | | <u> </u> | | l | |
| 8153 | 99.0 | 99.3 | 0.3 | 0.007 | 0.00 | | | | | | | | | <u> </u> |
| 8154 | 100 2 | 100.9 | 0.7 | 0.018 | 0.09 | <u> </u> | + | | | <u> </u> | | | | |
| | 100.2 | | | | | | | <u></u> - | | | | | | |
| 8155 | 116.7 | 117.6 | 0.9 | 0.003 | 0.01 | | <u>}</u> | <u>}</u> | + | + | <u> </u> | | | |
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| 8156 | 121.9 | 122.3 | 0.4 | 0.002 | 0.01 | | <u> </u> | <u> </u> | | | <u></u> | | | |
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| 8157 | 139.3 | 139.6 | 0.3 | 0.001 | 0.01 | | 1 | 1 | | | | · · · | <u> </u> | |
| 8158 | 139.6 | 140.0 | 0.4 | 0.013 | 0.08 | ·····- | <u> </u> | · | | | { | | | |
| 8159 | 140.0 | 141.8 | 1.8 | 0.001 | 0.01 | {- <u>-</u> | <u> </u> | · · · · · · · · · · · · · · · · · · · | | | <u> </u> | | | ╆ |
| 8160 | 141.8 | 142.2 | 0.4 | 0.001 | 0.01 | | ├ - | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | | <u> </u> |
| 8161 | 142.2 | 142.8 | 0.6 | 0.001 | 0.01 | | | | | | | <u> </u> | | <u> </u> |
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| 8162 | 160.1 | 160.5 | 0.4 | 0.001 | 0.01 | | | | | 1 | [| | <u> </u> | |
| 8163 | 160.5 | 161.7 | 1.2 | 0.001 | 0.02 | · · · · · · · · · · · · · · · · · · · | | | | | | | F | |
| 8164 | 161.7 | 162.4 | 0.7 | 0.007 | 0.04 | |] | | | | | | | f |
| 8165 | 162.4 | 163.1 | 0.7 | 0.001 | 0.01 | | | | | | 1 | | | 1 |
| 8166 | 163.1 | 163.5 | 0.4 | 0.001 | 0.01 | | | | | | | | | |
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| 8167 | 168.3 | 168.6 | 0.3 | 0.001 | 0.01 | · · | | | | | | | | |
| 8168 | 176.5 | 176.9 | 0.4 | 0,006 | 0.04 | | <u> </u> | | - - | <u> </u> | ¦ | | | |
| 8169 | 176.9 | 177.7 | 0.8 | 0.001 | 0.01 | | <u> </u> - | | | <u> </u> | | | | |
| 8170 | 177.7 | 178.3 | 0.6 | 0.001 | 0.01 | | <u> </u> | | | | - | | | |
| 8171 | 178.3 | 178.9 | 0.6 | 0.002 | 0.01 | | <u> </u> | | | <u> </u> | | ∗ | | |
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| 8172 | 180.9 | 181.7 | 0.0 | 0.013 | 0.05 | | f | | <u> </u> | | | | | |
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SAMPLES ASSAY SHEET

PROPERTY DOC ASSAYER ACME LAB

LOCATION Unuk River SHEET No. 2 of 2

| SAMPLE | DEF | DEPTH (M) | | | ASS | AYS | | LE | INGTH | x ASSA | AY | AVE | RAGE A | SSAY |
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| 8173 | 181.7 | 182.4 | 0.7 | 0.010 | 0.03 | 1 | | | | · · · · · · · · | | | r. | t |
| 8174 | 182.4 | 182.8 | 0.4 | 0.017 | 0.05 | - | 0.024 | bz∕t Au, | 0.067 / | g oz/t | across 2 | .1m | | - |
| 8175 | 182.8 | 183.8 | 1.0 | 0.037 | 0.10 | <u>}</u> | | | | | | | | <u> </u> |
| 8176 | 183.8 | 184.3 | 0.5 | 0.010 | 0.03 | - | | | | | | | | <u> </u> |
| 8177 | 186.3 | 186.8 | 0.5 | 0,005 | 0.03 | | | | | | | | | |
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SAMPLES ASSAY SHEET

PROPERTY ACME LABS

HOLE No.

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| SAMPLE | DEPTH (M) | | | ASS | AYS | | | ENGT <u>H</u> : | <u>x ASSA</u> | λY | AVE | RAGE A | <u>SSAY</u> | |
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| 6178 | 30.4 | 31.0 | 1.4 | 0.001 | 0.07 | | | | | | | | | |
| 8170 | 51.6 | 51 9 | 0.3 | 0.002 | 0.05 | | <u> </u> | | | | | <u> </u> | | · |
| 0175 | | <u> </u> | | 0.002 | 0.05 | | | { | | | | | | <u> </u> |
| 0100 | 62.2 | 60 0 | <u> </u> | | 0 11 | | | | | | | | | ······ |
| 0100 | 02.0 | 03.2 | 0.9 | 0.019 | 1 20 | | | | | | | <u> </u> | | |
| 8181 | 03.2 | 03.7 | 0.5 | 0.425 | 1.20 | | | | | | | | | |
| 8182 | 63.7 | 65.2 | 1.5 | 0.008 | 0.02 | | | | | | | | | |
| <u>8183</u> | 65.2 | 65.6 | 0.4 | 0.009 | 0.01 | | | <u> </u> | | | | | | |
| 8184 | 05.0 | 66.0 | 0.4 | 7.010 | 25.80 | ₿ | | | | | | | | |
| 8185 | 66.0 | 66.3 | 0.3 | 1.060 | 3.90 | L | | | | | | | | |
| 8186 | 66.3 | 66.9 | 0.6 | 0.556 | 2,55 | [| 1.4/ 0 | <u>r/t Au,</u> | 5.54 oz, | t Ag ac | ross 2.5 | m | | |
| 8187 | 66.9 | 67.6 | 0.7 | 0.235 | 0.8/ | } | |] | | | | | | |
| 8188 | 67.6 | 68.1 | 0.5 | 0.127 | 0.47 | / | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| 8189 | 68.1 | 68.6 | 0.5 | 0.045 | 0.17 | | | | | | | | | |
| 8190 | 68.6 | 69.3 | 0.7 | 0.006 | 0.03 | | | | | | | | | |
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PROPERTY DOC ASSAYER

LOCATION Unuk River SHEET NO. 1 of 1

HOLE No.

| SAMPLE | DEPTH (M) | | | | ASS | AYS | | LE | ENGTH | x ASSA | AY | AVE | RAGE A | SSAY |
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| 8191 | 16.5 | 16.8 | 03 | 0 008 | 0.0270 | | <u> </u> | [| | | · ·· · | } | <u> </u> | ├ ───── |
| | 10.5 | | | | | | | | | ······ | | | <u> </u> | |
| 8192 | 18.9 | 19.6 | 0.7 | 0.001 | 0.02 | | | | | | | | | <u>├</u> ──── |
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| 8193 | 24.5 | 25.3 | 0.8 | 0.002 | 0.01 | | ļ | | | | | | | |
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| 910/ | 67.1 | 60.0 | | 0 016 | 0.06 | | <u> </u> | | | | | | <u> </u> | L |
| 0194 | 60.7 | 68.0 | 0.9 | 0.015 | 0.00 | | | | | | | | | |
| 0195 | 60.0 | 70 0 | 1.0 | 0.017 | 0.07 | | | | | | | | ļ | |
| 0107 | 09.9 | 70.9 | 1.0 | 0.004 | 0.02 | | <u> </u> | <u> </u> | | } | | | | ļ |
| 019/ | 70.9 | /1,3 | 0.4 | 0.001 | 0.01 | | ┼-・ | - | | | | | <u> </u> | _ |
| 9109 | 72 0 | 74. 2 | | 0.022 | 0.00 | | <u>}</u> | }· | | <u> </u> | | ┠ | <u> </u> | ┢───── |
| <u>9100</u> | 74.2 | 74.5 | 0.3 | 0.007 | 0.04 | | <u> </u> | | | <u> </u> | | <u> </u> | <u> </u> | . |
| 8200 | 74.5 | 75.0 | 0.5 | 0.004 | 0.01 | | + | <u> </u> | | | | | | ┢──── |
| 8201 | 75 0 | 75 4 | 1 0 6 | 0.000 | 0.06 | | { | | | ┟┈┈┈ | | <u> </u> | | <u> </u> |
| 8202 | 75.4 | 75.8 | 0.4 | 0.001 | 0.00 | | · | <u> </u> | | | | <u> </u> | <u> </u> | - |
| 8203 | 75.8 | 76.1 | 0.3 | 0.004 | 0.02 | | <u> </u> | | | { | | } | <u>}</u> | ┝──── |
| | | | <u> </u> | 0.007 | 0,02 | | † | | | | | <u>├</u> | { | { |
| | | | | | <u>↓</u> | | ·} | <u>}</u> | | | | <u> </u> | <u> </u> | |
| 8204 | 96.2 | 97.6 | 1.4 | 0.016 | 0.070 | | <u>↓</u> | { | | <u> </u> | | {··· | <u> </u> | <u> </u> |
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| 8205 | 100.6 | 101.4 | 0.8 | 0.011 | 0.10 | | 1 | | | | · · · · · · · · · · · · · · · · · · · | | ┼─── | <u>}</u> |
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| 8206 | 108.8 | 109.4 | 0.6 | 0.007 | 0.02 | | | 1 | | | · | | <u>├</u> - | |
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| 8207 | 127,8 | 128.3 | 0.5 | 0.003 | 0.06 | | <u> </u> | <u> </u> | | | | | | |
| 8208 | 128.3 | 129.2 | 0.9 | 0.094 | 0.26 | l | ļ | ļ | | | | | | |
| 8209 | 129.2 | 129.8 | 0.6 | 0.014 | 0.07 | - <u>-</u> | | | | | | | | |
| <u>8210</u> | 129.8 | 130.2 | 0.4 | 0.006 | 0.05 | | <u> </u> | | | | | <u> </u> | <u> </u> | L |
| 8211 | 130.2 | 130.5 | 0.3 | 0.934 | 3.21 | h | <u> </u> | | | L | | L | <u> </u> | ļ |
| 0212 | 130.5 | 131.4 | 0.9 | 0.364 | 1.20 | └╉╌─── | <u> </u> | | | | | <u> </u> | ļ | <u> </u> |
| 9217 | 131.4 | 131.9 | 0.5 | 0.760 | 2.30 | - \ | 0.000 | | | | | · | <u> </u> | ļ |
| 8215 | 122 / | 132.4 | 0.5 | 0.072 | 0.19 | | 0.363 | pz/t Au, | 1.17 02 | /t Ag a | cross 3. | 4 11 | | |
| 8216 | 132.4 | 122 6 | 0.0 | 0.212 | 0.04 | _ | | | | | | } | | <u> </u> |
| 8217 | 133 6 | 134 5 | 0.4 | 0.016 | 0.1/ | | <u> </u> | [| | | | | <u> </u> | ┠──── |
| 8218 | 134.5 | 135.9 | 1.4 | 0.004 | 0.07 | | | | <u> </u> | | | | | |
| 8219 | 135.9 | 137.2 | 1.3 | 0.026 | 0.11 | | [| | | | | · | | |
| 8220 | 137.2 | 137.8 | 0.6 | 0.656 | 2.13 | | | | ··· | · | ,, | | | <u> </u> |
| 8221 | 137.8 | 138.5 | 0.7 | 0.048 | 0.16 | <u> </u> | _ | | | | | | | |
| 8222 | 138.5 | 138.7 | 0.2 | 0.006 | 0,05 | | | | | | | | | |
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SAMPLES ASSAY SHEET

DOC ACME LABS

SAMPLES ASSAY SHEET

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| 8223 | 30 | 30.7 | 0.7 | 0.004 | 0.01 | | | | | | | <u> </u> | · · · | <u> </u> |
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| 8224 | 31.3 | 31.6 | 0.3 | 0.002 | 0.01 | | | | | | | | | |
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| <u> </u> | 35.1 | 35.9 | 0.8 | 0.002 | 0.05 | | <u> </u> | | [. <u>.</u> . | | | | | + |
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| 8226 | 40.5 | 42.0 | 1.5 | 0.002 | 0.05 | | | | | <u> </u> | | | | |
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| 8227 | 46.5 | 47.0 | 0.5 | 0.002 | 0.02 | | | | | | | | <u> </u> | t |
| 8228 | 47.0 | 48.4 | 1.4 | 0.002 | 0.05 | | | | | | <u> </u> | 1 | · | |
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| 8229 | 54 | 54.9 | 0.9 | 0.002 | 0.07 | | | | | | | | | |
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| 8230 | 57.8 | 59.0 | 1.2 | 0.002 | 0.01 | | | | | | | | | |
| 8231 | 59.0 | 59.4 | 0.4 | 0.003 | 0.06 | <u> </u> | | | | | ··· · _ | | | |
| 8232 | 59.4 | 60.0 | 0.6 | 0.004 | 0.08 | | 0.010 | 1 | | 1. | | | | |
| 8233 | 60.0 | 60.6 | 0.6 | 0.998 | 3.18 | f | 0.313 | oz/t Au | 1.1/ 0 | z/t Ag a | cross 2 | Um | | ļ |
| 8234 | 60.6 | 61.0 | 0.4 | 0.060 | 0.18 | <u> </u> | | | | | | _ | | |
| 0726 | 61.0 | 62.1 | 0.4 | 0.020 | 0.15 | | | | | | | | | |
| 0227 | 62 1 | 62 1 | 1 0 | 0.000 | | | | | | | | { | | <u>}</u> |
| 02.37 | | | <u> </u> | 0.002 | 0.03 | | | | | | | <u> </u> - | | ┥──── |
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SAMPLES ASSAY SHEET

PROPERTY DOC ASSAYER ACME LAB

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| 8238 | 25.9 | 26.4 | 0.5 | $\frac{02}{0.010}$ | $\frac{02/t}{0.08}$ | | + | { | | ┨╾╍ | <u> </u> | <u> </u> | - | ┨━━━── |
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| 8239 | 28.1 | 28.6 | 0.5 | 0.008 | 0.03 | | | | | | | | | 1 |
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| 8240 | 29.1 | 29.5 | 0.4 | 0.008 | 0.07 | ┝─── | ļ | | ļ | <u> </u> | <u> </u> | <u> </u> | ļ | L |
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| 8241 | 32.0 | 33.0 | 1.0 | 0.002 | 0.48 | | <u> </u> | | | | ┣━━━━ | | | : |
| 8242 | 22.0 | 22 6 | 0.6 | 0 000 | 0.00 | | <u> </u> | <u>}</u> | } | } | ┨────── | ┟──── | ļ | <u> </u> |
| 8243 | 33.6 | 34.5 | 0.9 | 0.002 | 0.08 | + | | | { | { | <u> </u> | { — — | | |
| 8244 | 34.5 | 35.1 | 0.6 | 0.044 | 0.23 | <u>}</u> | | · · · · · · · · · · · · · · · · · · · | { | | | <u> </u> | <u> </u> | |
| 8245 | 35 1 | 35 8 | 0.7 | 0 003 | 0.06 | 1 | | | <u> </u> | <u> </u> | <u>├</u> ──── | <u> </u> | ╁╼╴━╼ | ┼ |
| 8246 | 35.8 | 36.4 | 0.6 | 0.574 | 1.03 | | <u> </u> | | [| <u>├</u> | ┼─ | ┨━╌━━ | <u> </u> | |
| 8247 | 36.4 | 37.4 | 1.0 | 0.032 | 0.03 | <u>∤</u> | <u> </u> | <u> </u> | <u> </u> | <u></u> | ┨━━━━━ | <u>├───</u> ── | | ┨───── |
| 8248 | 37.4 | 38.4 | 1.0 | 0.010 | 0.03 | | + | | { | i | <u> </u> | <u> </u> | <u> </u> | |
| 8249 | 38.4 | 39.7 | 1.3 | 0.014 | 0.03 | <u>├</u> | | | <u> </u> | | <u>├──</u> | <u> </u> | <u> </u> | |
| 8250 | 39.7 | 41.1 | 1.4 | 0.010 | 0.05 | † | <u> </u> | <u> </u> | | { | <u> </u> | <u> </u> | ┽╾╼╾┯╴ | <u> </u> |
| 8251 | 41.1 | 42.4 | 1.3 | 0.014 | 0.07 | 1 | <u>}</u> | 1 | | <u>}−−−−</u> | <u> </u> | <u>├</u> ─── | <u> </u> | |
| <u>825</u> 2 | 42.4 | 43.5 | 1.1 | 0.012 | 0.05 | [| 1 | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ┥──── |
| 8253 | 43.5 | 43.8 | 0.3 | 0.270 | 0.61 | | - | | | † | f | | | ╡━─── |
| 8254 | 43.8 | 44.6 | 0.8 | 0.040 | 0.04 | ţ | | 1 | <u>∤</u> −−−− | [| <u>├</u> ── | <u> </u> | | ╂─╍── |
| 8255 | 44.6 | 45.7 | 1.1 | 0.096 | 0.06 | | | 1 | | | 1 | · | <u> </u> | ╆─── |
| 8256 | 45.7 | 46.7 | 1.0 | 0.844 | 0.82 | 2 | 0.598 o | t/t Au, | 0.78 oz, | t Ag ac | ross 1.5 | | ┼╌╌╌ | ╉╼╾╌╴ |
| 8257 | 46.7 | 47.2 | 0.5 | 0.106 | 0.71 | j | | 1 | | <u>-</u> | | 1 | | ┼─── |
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PROPERTY DOC ASSAYER ACME LABS

SAMPLES ASSAY SHEET

LOCATION UNUK River SHEET No. 1. of 1

HOLE No. 86-10

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| NO. | FROM | TO | (M) | oz/t | oz/t | L | | | · | | | | | |
| 8258 | 21.2 | 21.5 | 0.3 | 0.036 | 0.44 | | | | | | | | | |
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| 8259 | 24.4 | 25.3 | 0.9 | 0.012 | 0.07 | | | | | | | | | |
| 8260 | 25.3 | 25.6 | 0.3 | 0.042 | 1.22 | ļ | | [| <u> </u> | | | | | |
| 8261 | 25.6 | 26.0 | 0.4 | 0.304 | 4.72 | []. | | ···· | ļ | · | | | | |
| 8262 | 26.0 | 27.0 | 1,0 | 0.294 | 2.99 | <u> </u> | | | <u> </u> | | <u> </u> | | | |
| 8263 | 27.0 | 27.8 | 0.8 | 0.194 | 1.65 | | | | | | | | | |
| 8264 | 27.8 | 29.2 | 1.4 | 0.590 | 1.23 | L(| 0,459 0 | z/t Au, | 2.1/ oz | rt Ag ac | ross 5. | 6 M | | |
| 8265 | 29.2 | 30.0 | 0.8 | 0.500 | 4.06 | 1 | | | | | | | | |
| 8266 | 30.0 | 30.9 | 0.9 | 0.712 | 0.35 | <u>/</u> | | | | | | | | |
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96-364-

$\underline{APPENDIX "A-3"}$

DRILL LOG 86-1 TO 86-10

•-

| | | —Gewargis Geological Con | sulting Inc. | |
|------------|-----------------------------------|---|--|------------------------------------|
| | | | | DDH NO. 86-1 |
| DIAMOND DR | ILL RECORD | | | Page i / <u>1</u> |
| LOCATION | South U | nuk River, B.C. "DO | C Property" | |
| COLLAR | Northing Easting Elevation | 4+00SE 1225m | REMARKS 91% | Average recovery |
| DRILLED | Azimuth Dip Depth | 220 ⁰ -50 ⁰ 108.2m | From 56. qtz vein altered From 62 | 0 - 56.7m with oxidized zone |
| Da Mo Yr | Started Completed Logged | August 10, 1986 August 14, 1986 August 12, 1986 | core wit | h reddish alteration |
| EQUIPMENT | Machine Core Size Dip Tests | Longyear Super 38 BQ | | |
| PURPOSE | To test northwe | t mineralization occ est extension of Q-1 | curing in Trenc 17 at depth. | h #14 Q-22 and |
| RESULTS | <u>No majo</u> | or mineralization wa | as intersected | by this hole. |
| GEOLOGIST | W. Gewa | argis D | a'Mo'Yr | December, 1986 |

| LOCATIO | on: South | Unuk River, B.C. | | D | RILLI | IOLEL | .0G | | | | | HOLEN | a. 86-1 | PAGE 1 of | NO. f 6 |
|----------|-------------|--------------------------------------|-----------------|--|------------------|--------|----------|-----------|----------|----------------|----------|----------|------------|--------------|-------------------|
| AZIM: | 2200 | ELEV: 1225m | | | | | | | PROPE | втү: DO | С | | | | |
| DIP: | -500 | LENGTH: 108,2m | | | DIP | TEST | | | | | | | | | |
| | <u></u> | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAG | E READIN | G CORRECT | CLAIM | NO: D0 | C Claims | | | | |
| STARTE | : August | 10, 1986 | | | 1 | | | | SECTIO | אי: 4+ | OOSE | | | | _ |
| COMPLE | reo: Augus | t 14, 1986 | · · | | | | | | LOGGE | Day: W. | Gewarqi | S | | | |
| PURPOSE | 🗄 To test | Trench #14 | | | | | 1 | | DATE | LOGGED: | August 1 | 2, 1986 | | | |
| | | | | | | } | | | DRILL | ыю со: Г | ongyear | Canada | | | |
| CORE RE | COVERY: 91% | | 1 | | | | | | ASSAY | ed by: Ac | me Lab, | Vancouve | r | | |
| FC | OTAGE | DESCRIPTION | | · _ | S | AMPLE | F00' | TAGE | LENGTH | | | ASSAY | \$ | | |
| FROM | то | | | | [| NO. | FROM | TO(M) | (M) | Au. | Ag | | | | |
| 0 | 0.6m | Overburden, no core recovered | (casing) |) | | | | | | 0Z/t | 02/1 | | | | · |
| 0.6 | 108.2m | Andesite: dark gro. fine-med. | grained. | with | 8 | 001 | 13.4 | 13.8 | 0.4 | 0.001 | 0.01 | | <u> </u> | | |
| | | scattered, atz. chlorite, enio | loite vei | nlets a | and | | | | | | <u>†</u> | | <u> </u> | | |
| | | stringers through this section | n. ranoir | na from | few 8 | 002 | 17.1 | 18.2 | 1.1 | 0.001 | 0.01 | | <u> </u> | | |
| ├ | | centimeters in size. Irace of | ov. mir | ieraliza | ation | | | | | | †{ | | | | |
| | | with sections of highly fract | ured and | broken | core 8 | 003 | 29.8 | 30.2 | 0.4 | 0.001 | 0.04 | | | | |
| | | | | 01 01 01 | 8 | 004 | 30.2 | 30.8 | 0.6 | 0.001 | 0.02 | | | | |
| | | 0.6 - 2.1m broken core, 1.2m | recovered | | 8 | 005 | 30.8 | 32.2 | 1.4 | 0.001 | 0.03 | | | | |
| | | 2.7 - 2.9m broken core | | | 8 | 006 | 32.2 | 33.5 | 1.3 | 0.001 | 0.01 | | | | |
| | | 7.3 - 7.6m broken core | | | 8 | 007 | 33.5 | 34.1 | 0.6 | 0.001 | 0.01 | | | | |
| | | 10.7 - 10.9m braken core | | | 8 | 800 | 34.1 | 34.4 | 0.3 | 0.001 | 0.03 | | | | |
| | | 13.3 - 14.0m broken core | | | 8 | 009 | 34.4 | 35.4 | 1.0 | 0.001 | 0.01 | | | | |
| | | 14.0 - 25.0m generally good co | ore with | minor | | | | | | ļ | | | | | |
| | | broken core | | | | | | | | | | | | | |
| | | At 3.0m 1 cm wide atz veinlet | <u>at right</u> | <u>t angle</u> | <u>to 8</u> | 010 | 40.4 | 40.9 | 0.5 | 0.001 | 0.04 | | | | |
| | | core axis | | | | | | | - | | ┠ | | | _ | { |
| | | <u>At 3.6m - 1/2 cm wide atz vei</u> | <u>let</u> | | | | | | | | ┞ | <u> </u> | | | { |
| | | <u>8.7m – 2 cm fracture veinlets</u> | <u>at 85' t</u> | <u>to core</u> | axis | | | | | | <u> </u> | <u></u> | <u> </u> | | |
| | _ | <u>At 12.9m - qtz patches with 1</u> | lght grn | chlori | te | | | | | | <u>├</u> | !` | | | |
| | | alteration | | | + | | | | | | <u> </u> | <u> </u> | | | |
| | | rrom 13.4 - 13.8m broken core | WILL GLA | 2 Verale | | | | | | | | | | | { |
| | | and chloritic alteration with | traces o | <u> </u> | te [| | | | <u> </u> | | ┢╍──┼╸ | <u></u> | { | <u> </u> | |
| · | + | alteration with some sericito | <u>right dr</u> | <u>n cnio</u> at 17 2 | | | | | | | ├ | | | | |
| | | 36m wide and at weinlate with | trace of | $\frac{1}{1} \frac{1}{1} \frac{1}$ | | | | | | | ┟╼╍──┼╸ | | | | |
| | | From 18.2 to 25.0m scattered | tz vein | lets feu | | | | ł | | | ┟───┼╸ | | <u> </u> | | |
| | | in width at 75°-80° to core at | is and t | the core | , - | | | | | | | | | | |
| | + | are slightly fractured at 45 | to core | axis. | <u> </u> | | | | | | | | | | |
| | | | | | | | | | | | ├ | | | | -1 |

| LOCATION: | South | Unuk River. B.C. | · | D | RILL H | IOLE L | .0G | | | | | HOLE No | 86-1 | PAGE NO. 2 of 6 |
|-----------|----------|--|----------------------------------|----------------|--------------|------------|------------------|-----------|--------|-----------------|-----------------|-----------------|----------|--------------------|
| AZIM: 22 | 00 | ELEV: 1225m | | | | | | | PROPE | RTY: 000 | <u> </u> | | | |
| DIP: -50 | | LENGTH: 108.2m | | | | 1621 | _, | | | = = | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAG | E READIN | G CORRECT | CLAIM | NO: D01 | <u>C Claims</u> | | | |
| STARTED: | August | 10, 1986 | | | <u> </u> | | | | SECTIO |) n: 4+(| DOSE | | | |
| COMPLETED | • Augus | t 14, 1986 | · | | · | | 1 | | LOGGE | OBY: W | . <u>Gewarg</u> | is | | |
| PURPOSE: | To test | Trench #14 | | | <u>.</u> | | <u> </u> | | DATE | | August | 12, 1986 | | |
| | | <u> </u> | | | | | | | DRILL | ING CO: | Longvea | <u>r Canada</u> | | |
| CORE RECO | VERY: 91 | % | l | | | 1 | | 1 | ASSAY | ED BY: / | lome Lab | , Vancouv | er | |
| FOOT | AGE | DESCRIPTION | | | S. | AMPLE | F00 ⁻ | TAGE | LENGTH | ·· | | ASSAYS | <u> </u> | |
| FROM | то | | | | | NO. | FROM) | то(М) | ('M)'' | oz/t_ | oz7t | | | |
| | | From 25.0 - 25.5m broken core | possible | , major | | | | | | | | | | |
| | | shear zone (west of gtz shear | zone). | | | | | | | | | | | |
| | | From 26.0 - 26.3m dark grn wit | h qtz ve | inlets, | | | | | | | | | | |
| | | chlorite and sericite alteration | on | | | | | | | | | | | |
| | | From 26.4 - 27.0m broken core | up to 3 | cm in ș | ize. | | | | | | | | | |
| | | From 27.0 - 29.8m Section of a | ood core | within | a | | | | | | | | | |
| - | | a shear zone, with scattered | few qtz | veinle | ts | | | | | | | | | |
| | | few mm in size, at 80° – 85° | to core | axis. | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | From 29.8 - 57.3m major shear | <u>zone wit</u> | <u>h badl</u> | <u>y 8</u> | 011 4 | 9.8 | 51.9 | 2.1 | 0.001 | 0.01 | | | |
| | | broken core up to few centim | <u>eter in</u> | <u>size, a</u> | nd 81 | 012 5 | 51.9 | 52.2 | 0.3 | 0.006 | 0.11 | | | |
| | | section of oxidized, and sca | ttered q | tz, hem | atite 8 | 013 5 | 52.2 | 53.3 | 1.1 | 0.001 | 0.02 | | | |
| | | mainly | | | 8 | 014 5 | 53.3 | 54.4 | 1.1 | 0.001 | 0.03 | | | |
| | | From 29.8 - 30.2m with gouge | | | 8 | 015 5 | 4.4 | 54.7 | 0.3 | 0.002 | 0.02 | | | |
| | | 30.8 - 32.2m oxidized zon | <u>e with q</u> | tz vein | lets 8 | 016 🏥 | 4.7 | 55.5 | 0.8 | 0.001 | 0,01 | | | |
| | | 34.1 - 34.4m oxidized zone wit | <u>n hemati</u> | <u>te and </u> | atz 8 | 017 5 | 5.5 | 56.0 | 0.5 | 0.001 | 0.01 | | | |
| | | veinlets. | · | | 8 | 018 5 | 6.0 | 56.7 | 0.7 | 0.001 | 0.01 | | | <u> </u> |
| | | Good core section up to 0.5m l | ength ma | inly fr | om | | | | | | | <u> </u> | | - |
| | <u> </u> | <u> </u> | 41 <u>.5 - 4</u> | 1.8m, 4 | 2.9- | | | | | | | | | |
| | | 43.3m, 44.1 - 44.5, 47.1 - 4 | 7.5, 47. | 8 - 48. | <u>im,</u> | | | | | | | | | |
| | | <u>49.8 - 50.6m. 54.7 - 55.5m.</u> | <u>56.2 - 5</u> | <u>6.7m.</u> | / | | | | | - | | | | <u></u> |
| | | | | | | | | | | | | | | |
| | | From 30.8 to 5/.3m very broken | core wi | th core | | _ | | | | | [| | | |
| I | | recovery up to 71.9% (only 7 | 45m cor | e missi | <u>ng) </u> | | | | | | | | | |
| <u> </u> | | <u>Major core missing sections ma</u> | inly fro | m 44.8 | <u> </u> | | | | | | ļ- | | <u> </u> | |
| | | <u>46.3m, 1.4m missing</u> | | | | | | | | | | | <u> </u> | |
| | | <u>49.7 - 52.1m 0.3m missing</u> | <u>49.7 – 52.1m 0.3m missing</u> | | | | | | | | | <u> </u> | | |
| | | | | | (0.7 | _ | | | | | | | | |
| | | Badly broken core from 38.1 to | 42.8m, | 48.4 - | 49.7 | | | | | | ļ | | | <u></u> |
| | | with <u>gouge mainly at 48.4</u> m | | | | | | | | | | | | |

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| LOCATION | South | Unuk River, B.C. | | n | 1 110 | 10161 | 10 | | | | | HOL | E No. 86- | 1 | PAGE NO. |
|-------------|-----------------|---|-----------------|----------------------------|---------------|----------------|------------|----------|------------|-------------|---------------------------|--------------|---|--|------------|
| ļ | | | | U | UILL I | | Ja | | | | ſ. | L | | | |
| AZIM: 22 | | ELEV: 1225m | | | DIP | TEST | | | FROPE | R11: 00 | | | | | |
| DIP: _ | <u>50°</u> | | [SOOTAGE | READING | 0088507 | LEGATACE | Lec source | MARECT | | | Claims | | | | |
| | | | FUUTAGE | READING | White: | FUUTAGE | READING | WARECI | | NH 6.0 | OCTATHS | | | | |
| STARTED: | August | 10, 1986 | <u> </u> | | | | | | 320110 | 0 8 Y 1 | 03E | | | | <u> </u> |
| COMPLETE | : Augus | t 14, 1980 | | | <u> </u> | · | | <u> </u> | | | <u> </u> | 115 10 10 | | | |
| PURPOSE: | <u>lo tes</u> t | <u>irench #14</u> | | | <u> </u> | <u> </u> | | ┟───── | DATE | | August | 12, 19 | 180 | | |
| | 019 | | | | <u> </u> | | | | | | <u>ongvear</u> cme lab | - Vanc | OUVER | | |
| CORE RECU | VERY: 51% | 1 | | | | | 5007 | | A33A1 | | | A 50 | AVE | | |
| F00 | | DESCRIPTION | l | | 5 | | FOUL | TOW | LENGTH | <u>- 99</u> | - <u>Ag</u> -1 | <u></u> | | r | |
| FROM | 10 | | | | | | FROMM | | <u>(M)</u> | 02/L | 02/0 | | <u> </u> | | - <u> </u> |
| ļ | | From 51.9 - 54.6m with gouge, | clay_at_ | 52m, 53. | . 8m , | | | | | | | | <u> ·</u> | | |
| | <u> </u> | also qouge at 56.1m. | | | | | ł | | | | <u> </u> | | <u>}</u> | <u> </u> | |
| | | From 40.4 to 40.5 gutz vein ba | <u>dly brok</u> | <u>en wit</u> l | <u></u> | | | | | | ┣────┤ | | <u> </u> | | |
| ļ | | trace of pyrite. | | | <u> </u> | | | | | | | | <u> </u> | | |
| ļ | | | | | | | | | | | | | <u> </u> | | |
| ļ. <u> </u> | | From 49.8 - 54.6m atz vein int | ermixed_ | with | | | | | | | | | | | + |
| ļ | | silicified andesite [this ve | <u>in is as</u> | sociate | <u> </u> | | | | | | | | <u> </u> | | + |
| | | with oxidized zone, with sui | phide, g | ouge and | | | | | | | | | | | · |
| | | <u>most important zone is betwe</u> | <u>en 51.9m</u> | <u>to 53.</u> | <u>3m. </u> | | | | | <u> </u> | | | <u> </u> | <u> </u> | |
| ļ | | <u>54.5 to 54.7m. The above zo</u> | <u>nes are </u> | Eracturi | ;q•-[| | | | | | | | <u> </u> | { | · |
| | | oxidized, with associated go | uqe, this | <u>s might</u> | be | | <u> </u> | | | } | | | <u> </u> | { | |
| | | one of the atz vein structur | <u>es withi</u> | n the ma | 210 | | | | · · · | | <u> </u> | | | | |
| | | | | | | | | | | [| | <u></u> | <u> </u> | i | |
| | | | | h tha | | | | | | | | | <u> </u> | | |
| | <u> </u> | At 51.9m the angle of intersec | <u>tion wit</u> | | 51.0 | | | | | | <u> </u> | | <u> </u> | | |
| _ | | $\frac{1}{1}$ silicified andesite is out | o core a | <u>xis. at</u> vie | <u>34.3</u> m | | | ł | | { | <u>├</u> ───┤ | <u>.</u> | | | + |
| | | <u>15 00 and at 54./m 15 /0 v</u> | 0 COIC a. | <u></u> | | | | | | | [] | | | | 1 |
| | | $\mathbf{E}_{\text{norm}} = 56 0 = 56 7_{\text{m}} \mathbf{s}_{\text{m}} = 1_{\text{m}}$ | h ovidi- | | | | | | | <u> </u> | <u>├</u> | | <u> </u> | | |
| | | ailigified and aits backet | core fro | <u>su ∡ume</u> m 56 ∽ ' | <u>- 411 </u> | | | {- | | <u> </u> | <u>├</u> ────} | | [| | |
| · | · · · · · · | with gauge slightly fracture | ed and a | seociat. | ad 1 | | | | | | | | | | |
| · | | with guite (trace) | eu anu a | SSUCIAL | <u> </u> | | | | | | | | | | 1 |
| | · · · | WICH DVIILE (Clace). | | | | | | | | | [] | | | | <u> </u>] |
| | | From 57.3 - 51.9m broken core | dark or | n andee | ite R | 019 | 7.6 | 58.8 | 1.2 | 0.001 | 0.02 | | | | |
| | | small size of come up to 3 of | <u></u> | anues. | 8 | 020 | 8.8 | 60.0 | 1.2 | 0.001 | 0.01 | | | | |
| | <u> </u> | | 111 a | | 8 | 021 6 | 0.0 | 61.0 | 1.0 | 0.001 | 0.01 | | | | 11 |
| | | From 61.3 - 61.9m 0.3m core mi | ssina | | 1 8 | 022 (| 1.0 | 61.9 | 0.9 | 0.001 | 0.01 | | | | |
| | | From 61.9 - 62.5m good core of | dark or | n andes | ite | | · | | | | | | | | |
| | | with small gtz veinlets up t | a few mm | in siz | ati | | | | | | | | | | |
| · | <u>.</u> | 85° to core axis. and small | epidotit | e veinl | ets. | | | | | | | | | | |

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GEWARGIS GEOLOGICAL CONSULTING INC.

| | <u> </u> | | | D | RILL H | OLEL | OG | | | | | | 8 | 36- |
|--------------|-----------|--|------------------------|-----------------|-------------|--------------|---------------|---------|---------------|-----------|-----------------|--------------|----------|-----|
| AZIM: 27 | 200 | ELEV: 1225m | | | | | | | PROPE | ATY: DO |)C | | | |
| DIP: -! | 500 | LENGTH: 108.2m | | | | 1521 | | | | | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAG | READING | CORRECT | CLAIM | NO: DO(| Claims | | | |
| STARTED: | August | 10, 1986 | | | | | | | SECTIO |)n: 4+(| OSE | | | |
| COMPLETE | ⊅: August | 14, 1986 | | | | | | | LOGGE | D 8Y: W | Gewarq | is | | |
| PURPOSE: | To test | Trench #14 | | | | | | | DATE | LOGGED: | August | 14. 1986 | 5 | |
| | | | | | | | | | DRILLI | ING CO: 1 | icme Lab | Vancou | uver, | B |
| CORE RECO | VERY: 91 | % | | | | | | | ASSAY | ED BY: | | • | | |
| F001 | TAGE | | TION | | S. | MPLE | FOOT | AGE | 1 5110711 | | | ASSA | YS | |
| FROM | то | DESCRIP | -11014 | | ļ | ΝΟ. [| FROM(M) | TOM | LENGIN (M) | AU | A9+ 1 | | | ļ |
| | | From 62.5 to 63.7m broken | core with re | ddish | 802 | 3 | 61.9 | 62.7 | 0.8 | 0.001 | 0.01 | | | 1 |
| | | alteration. | | | 802 | 4 | 62.7 | 63.6 | 0.9 | 0.001 | 0.01 | | | -1 |
| | | From 64.9 - 65.4m broken | core with anu | oe at | | | | | | <u> </u> | | | <u> </u> | - |
| | ┝╌╍───╸╁ | 65.2m at 45 to core av | is. | <u> </u> | | | | | | f | | | | + |
| | | | | | | | | | | I | | | | - |
| | | Enom 65 4 to 69 1m backer | cone with - | - | 10 1003 | 5 | 63.6 | 6/ 6 | 1 0 | 0.001 | | <u> </u> | | _ |
| | | | <u>56 2m</u> | | 1002 | 16 | 64 6 | 65 / | 0.8 | | 0.01 | | | _ |
| | | <u>at 05.0, 05.7, 05.8 and</u> | 00.21 | | | <u>``</u> —– | <u></u> | 03.4 | 0.0 | 0.001 | 10.03 | | | |
| | | | | | | | 65 1 | 66.1 | 1 0 | 0.001 | 0.01 | | | _ |
| | | <u>From 00 - 75m light grn ti</u> | o dark grn an | desite i | | | 66 / | 67.0 | 0.6 | | | | | - |
| | | scattered dtz verniets, | quude, trace | or pyr. | | <u></u> | 67.0 | 01.0 | 1.0 | 0.001 | | | | - |
| | | <u>mineralization epidotit</u> | e and broken | core. | 1802 | <u>a</u> | | 08.0 | 1.0 | 0.001 | | <u>+</u> - | | - |
| | | | | | 80. | | <u>68.0 [</u> | 69.0 | 0.9 | | | <u> </u> | | ┥ |
| | | 5 67 2 68 0m coattan | ad nannou atz | vainle | 803 | 12 | 60 7 | 70.7 | 10 | | | | | 1 |
| | | From 07.2 - 00.0m Statter | eq narrow quz | VEIBLE | | 2 | 70.7 | 71.6 | 0.0 | 0.001 | | | | |
| <u> </u> | | and doude at co.um | | | - 1803 | | 71.6 | 72.8 | 1 2 | | | | | 1 |
| | | At 71 4m gouge possible to | ault zone | | - 000 | 5 | 72.8 | 76.2 | 1 / | 0.001 | 0.01 | <u> </u> | <u> </u> | |
| | | $\frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{10000} \frac{1}{10000000000000000000000000000000000$ | re mission | · · · · | 803 | <u> -</u> | 76.2 | 75 0 | 1.44 0.8 | | | | | 1 |
| | | $\frac{1}{100}$ $\frac{1}$ | e missing | | 800 | 7 | 75.0 | 75 5 | 0.6 | 0.001 | 0.03 | <u></u> | | 1 |
| | | 110H 71.0- 72.4H 0.3H COP | = missing | | - 003 | | 75 5 | 75.5 | 1 1 | 0.001 | | | <u> </u> | |
| | | <u>rrom /2.8 - /3.0m U.4m col</u> | <u>e missing</u> | | | | | 70.0 | 4.3 | 0.001 | | <u>{`</u> | | 1 |
| | | trom 14.3 to 11.2m dark gi | <u>n. silicifie</u> | <u>a andesi</u> | te 803 | <u>a</u> | /0.8 | 11.5 | <u>v./</u> . | 0.001 | | <u> </u> | | ł |
| <u> </u> | | with gtz veinlets and p | <u>rite trace of</u> | <u>t chalce</u> | <u> </u> | ·U | 11.5 | /8.1 | <u>0.6</u> | 0.001 | 0.01 | | | ╉ |
| | | pyrite, with associated | <u>epidotite, p</u> | <u>ossible</u> | | —–– | | | | | ├ | | ·· | ╀ |
| <u> </u> | | mineralization zone, Wi | un proken cori | e and de | uge | | { | | | • | <u>├</u> - | | | ł |
| | | <u>mainly from /4.3 to /5.0</u> | JM. | | | | | | | | | <u> </u> | | ł |
| | | <u>AL 75.0m - 2mm qtz veinie</u> | LS AT UD TO | core_axi | 5. | | <u></u> | | | | ├─── ┞ | | | ļ |
| ——— <u> </u> | <u>-</u> | At /b.8m - 2 cm qtz veinle | ers at 85 to | core a | (15. | | | | | | ╞ | | | ł |
| 1 | | <u>At //.lm 2 cm qtz veinlet:</u> | <u>s_at_75° to_c</u> i | <u>pre axi</u> | <u>ند </u> | | | | | | └──── ┤- | | | ļ |
| · | 1 | | | | | | | | | | | | | |

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| LOCATION: | South | Unuk River, B.C. | | D | RILLH | IOLE I | .0G | | | | | HOL | E No. 8 | 6-1 | |
|-----------|-----------------|-----------------------------------|---------------------------------------|----------------|------------|----------|------------|---------|------------|-----------------|--------------|---------|------------|----------|---|
| AZIM: 22 | 200 | ELEV: 1225m | | | | | | | PROPE | яту: D00 | 2 | | | | |
| DIP: _5 | 50 ⁰ | LENGTH: 108.2m | | | DIP | TEST | | | | | | | | _ | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAG | E READING | CORRECT | CLAIM | NO: DOC | Claims | | | | |
| STARTED: | August | 10, 1986 | | | | | | | SECTIO | DN: 4+0 | DSE | | | | |
| COMPLETED | · Augus | t 14, 1986 | | | | | | | LOGGE | D 8Y: W. | Gewarg | is | | | |
| PURPOSE: | To test | Trench #14 | | | | | | | DATE | LOGGED: / | August | 14, 198 | 6 | | |
| | | | | | | | | | DRILL | | ongyear | Canada | L | | |
| CORE RECO | VERY: 9 | 1% | | | | I | | | ASSAY | ED BY: A | me Lab | , Vanco | uver, | 8.C. | |
| FOOT | AGE | DESCRIPT | TON | | S | AMPLE | FOOT | AGE | ENGTH | | | ASS | SAYS | | |
| FROM | то | | | | | NO. | FROM(M) | TO(M) | <u>(M)</u> | ož/t | o27 <u>t</u> | | l | | |
| i | | resembling the above. | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | <u> </u> | | |
| | | | | | | | | | | | | | <u> </u> | <u> </u> | , |
| | | Section from 0 - 88m, good | core with f | <u>ine str</u> | inger | 1 | | | | | | | <u> </u> | | , |
| | | of epidotite up to 10% and | <u>nd narrow qt</u> | z veinl | ets | | | | | | | | | ∔ | • |
| | | at 70° - 85° to core axi | s | | | | | | <u> </u> | | | | ļ | | • |
| | | | | | | | | ļ. | | | | | Ļ | <u> </u> | • |
| | | <u>At 80m - 1/2 cm qtz veinle</u> | <u>t with trace</u> | <u>of pyr</u> | ite | | | | | | | | ļ | _ | • |
| | | <u>at 55° to core axis.</u> | | | | | | | | <u> </u> | | | | <u> </u> | , |
| | | At 80.6 80.7m epidetite | and atz vein | lets at | 650 | | _ | | | | | | | + | • |
| | | t_0 the core axis | gild que vern | iicio ai | | | | | | | | | | - | |
| | | | | | | | | | | | | | | + | • |
| —— | | From 86.2 - 86.4 broken co | re with trac | e of py | rite 80 | 41 | 86.0 | 86.3 | 0.3 | 0.001 | 0.01 | | | 1 | • |
| | | within oxidized zone. | | | | | | Í | <u> </u> | | | | | 1 | |
| | | From 90.1 - 90.2 epidotite | and gtz vei | nlets. | | | | | | | | | | | |
| | | From 94.2 - 94.5 broken co | re with atz. | oxidiz | red 80 | 42 | 94.2 | 94.6 | 0.4 | 0.002 | 0.01 | | | | |
| | | and trace of pyrite goug | e, fracture | with | 80 | 143 | 94.6 | 95.3 | 0.7 | 0.001 | 0.02 | | | | • |
| | | epidotite | | | | | | | | | | | | <u> </u> | • |
| | | | | | | | | | | | | | <u>_</u> | | • |
| | | From 94.7 - 95.3 Broken co | re with qtz | veinlet | :s, | | | | ····· | L_ | | | <u> </u> | _ | • |
| | | epidotite, gouge from 95 | .1 - 95.2m w | ith tra | ice | | | | | | | | <u> </u> | | • |
| | | of pyrite. | | | | | | | | | | | [| | • |
| | | | | | | | | | | | | | <u> </u> | — | , |
| | | From 95.7 - 96.2m broken c | ore | | | | | | | | | | | | , |
| | | From 102.8 - 100.5m broken | core with d | louge at | <u> </u> | | | | | | | | <u>}</u> | ╆ | • |
| | | 105.6m and 106.3m with f | <u>racture at l</u> | <u>ow ang</u> | <u>e </u> | | —·— | | | | | | | | • |
| | | tu core axis. | | | | | | | <u> </u> | | | | | ┼ | • |
| ł | | Erom 107 2 - 107 3 dark or | n andesite | hroken | | | — <u> </u> | | | | | | | + | , |
| | | 11011 107.2 - 107.5 dark gr | n anuesite, | DIOKEN | | <u> </u> | | | | | | | | ╂──── | • |

| LOCATION | ≌ South U | nuk River, B.C. | - | D | RILL H | OLE L | OG | | | | | HOL | E No. 86 | -1 | PAGE NO. 6 of 6 |
|-----------|----------------|--|----------|---------|----------|---------------------------------------|----------|----------------|----------|------------|------------|----------|--------------------|------------|--------------------|
| AZIM: 22 | 200 | ELEV: 1225 | | | | | | | PROPE | RTY: | DOC | | | | |
| DIP: - | -50 | LENGTH: 108.2m | | | 910 | TEST | | | | | | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | CLAIM | NO: DOC | claims | | | | |
| STARTED: | August | 10, 1986 | | | | | | <u> </u> | SECTIO |)n: 4+(| 10SE | | | | |
| COMPLETE | D: August | 14. 1986 | · . | | | | <u> </u> | <u> </u> | LOGGE | DBY: W. | Gewarg | is | | | |
| PURPOSE: | <u>lo test</u> | Irench #14 | | | | . <u></u> | | <u> </u> | DATE | OGGED: | August | 14, 1 | 986 | | |
| | | <u> </u> | | | | | <u> </u> | <u> </u> | DRILLI | NG CO: | Longye | ar Can | ada | | |
| CORE RECO | OVERY: 91 | % | | · | <u> </u> | · · · · · · · · · · · · · · · · · · · | | | ASSAY | ED BY: | Acme La | b, Van | couver, | B.C. | |
| F00 | TAGE | DESCRIPTION | | | SA | MPLE | FOOT | AGE | LENGTH | | | AS | SAYS | | |
| FROM | TO | | | | | NO. | FROM | TO(M) | (M) | oz/t | oz7E | <u> </u> | | | |
| | 1 | scattered trace of pyrite, epi | dotite a | ind qtz | | | | | | | | | | <u> </u> | |
| | | veinlets throughout this sect | ion. | | | | | | | | | | | | |
| | <u> </u> | | | | | | | | | | | | | | |
| | | End of Hole at 108.2m. | | | | | | | | | <u> </u> | | <u> </u> | <u> </u> | |
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| | | -Gewargis Geological Con | sulting Inc. – | |
|-------------|-----------------------------------|---|--|---|
| | | | | DDH NO. 86-2 |
| DIAMOND DRI | LL RECORD | | | Page (/ |
| LOCATION | South U | nuk River, B.C. "DC | C Property" | |
| COLLAR | Northing | 4+00SE | REMARKS 88% | Average recovery |
| | Easting Elevation | 1225m | From 50 | - 56.2m shear |
| DRILLED | Azimuth | 202 ⁰ | badly br | c, oxidized zone, roken core. |
| | Dip Depth | <u>-50⁰</u> 68.6m | From 56. | 2 - 57.1m qtz vein, |
| Da Mo Yr | Started Completed Loaged | <u>August 14, 19</u> 86 <u>August 17, 19</u> 86 <u>August 16, 19</u> 86 | slightly dissemin hematite of chalo | y fractured with nated pyrite, e, galena and trace copyrite. |
| EQUIPMENT | Machine Core Size Dip Tests | Longvear Super 38 BQ | 3 | |
| PURPOSE | To test | mineralization oc | curing in Trend | ch #5 at depth. |
| RESULTS | From 46 shear a | 5.4m - 50.0m, assay zone, limonitic, tr | ed 0.002 oz/tom ace pyrite. | n Au, 0.08 oz/ton Ag |
| GEOLOGIST | W. Gew | argis | a Mo Yr —— | December, 1986 |

| LOCATION | N: South | Unuk River, B.C. | | D | RILLI | IOLE L | OG | | | | | HOLE No. | 86-2 | PAGE NO. 1 of 5 |
|----------|----------------|--------------------------------------|-----------------|----------------|---|-----------|-----------|---------------------------------------|------------|----------|---|----------------|----------|--------------------|
| AZIM: | 2020 | ELEV: 1225m | | | 010 | TET | | | PROPE | RTY: DOC | | | | |
| DIP: | -50 | LENGTH: 68.6m | | | | 1631 T | | | , | | | | | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAGE | READING | GCORRECT | CLAIM | NO: DOC | Claims | | <u> </u> | |
| STARTED: | Augus | t 14, 1986 | | | | <u> </u> | <u> </u> | <u> </u> | SECTIO |)n: 4+0 | IOSE | | | |
| COMPLET | ED: Augus | t 17, 1986 | · · | | · | ļ | · | | LOGGE | D BY: W. | Gewargi | <u>s</u> | <u></u> | |
| PURPOSE: | <u>To test</u> | Trench #5 | | | | | <u> </u> | | DATE | LOGGED: | <u>August 1</u> | <u>6, 1986</u> | | |
| | | | | | | <u> </u> | <u> </u> | | DRILL | ING CO: | Longvear | <u>Canada</u> | | |
| CORE REC | OVERY: 88 | .0% | | <u> </u> | ····· | 1 | <u>I.</u> | <u> </u> | ASSAY | ED BY: | Acme Lat | o, Vancour | ver, B.C | • |
| FOC | TAGE | DESCRIPTION | | | s | AMPLE | F001 | AGE | LENGTH | | <u>1 67 1</u> | ASSAYS | ; | <u> </u> |
| FROM | то | | | | | NO. | -FROM (M | TO (M) | <u>(M)</u> | ožľt_ | oz7t | | | |
| 0 | 0.6m | Casing, no core recovery. | | | | | | | | <u> </u> | <u> </u> | | | |
| 0.6 | 46.4m | Andesite: dark grn, fine to | medium g | rained w | lith . | | | | | | <u> </u> | <u> </u> | | |
| | | scattered small secondary q | tz veinl | ets rang | jing | | | | | | | | | |
| <u> </u> | | <u>from 1mm to few mm in size</u> | <u>at 70° -</u> | <u>85° to</u> | | | | | <u> </u> | ļ | | <u> </u> | | |
| L | | <u>core axis. slightly fractur</u> | <u>ed with </u> | broken (| ore | | | | | ļ | <u> </u> | | | |
| | | sections mainly from 0.6 - | 2.5m, 6. | / - /.lt | , | | | | | | | | | |
| <u> </u> | | <u> 10.3 – 10.4m with gouge and</u> | <u>clay, 1</u> | <u>1.8 - 1</u> | 3.5m | | | | | | <u> </u> | | | |
| | | <u>14.1 - 14.3m</u> | | | | | | | | | | <u>}</u> | | |
| | | | | | | ~ | 1, 0 | 15 0 | 0.0 | 0 001 | 0.04 | | | |
| | | <u>From 14.2 - 15.0m broken core</u> | <u>, slight</u> | ly trac | tured 8 | 044 | 14.2 | 15.0 | 0.0 | 0.001 | 0.04 | <u> </u> | | |
| | | with oxidized material. gtz | veinlet | <u>s at 15</u> | . <u>Um </u> | | | | · | | <u> </u> | | { | |
| | 4 | <u>few_mm_ln_size.</u> | | | <u> </u> | | | | | | ┼───┼ | | | |
| <u> </u> | -{ | | 6 | castion | | 045 | 19.0 | 10.2 | 03 | 0 007 | 0.07 | | | |
| | | Erom 15 - 21.8m good core with | 0 16 0 | section: | | 046 | 10.0 | 20.3 | 0.0 | 0.001 | | | | |
| <u> </u> | - | <u>broken core mainiv from 10.</u> | <u>2 - 10.0</u> | u <u>ith</u> | <u></u> | | Ta''a | 20.5 | 0.4 | 0.001 | | _ _ | | |
| <u>_</u> | | IO CM IN Tendeny, dark din | f otz an | d enido | titel | | | | | | | | | |
| | -{{ | $\frac{1}{1000}$ | hencryst | S. | | | | | | | | | | |
| | ┥─────┤ | Erom 18.8 _ 18.9m atz voinlet | s. hreco | iated | | | | | | | ┼───┼ | | | |
| | | elightly fractured. | | | | | | | | | | <u> </u> | | |
| ┝─── | | | | | | | | | | | <u>├</u> † | | | |
| | - | From 19.9 - 20.3m atz veinlet | s with e | pidotit | e l | | | | | | | — <u> </u> | | |
| | 1 | chlorite alteration, slight | lv fract | ured | | | | · · · · · · · · · · · · · · · · · · · | | | | | | |
| | | (oxidized zone) | | | | | | | | | | | | |
| | | From 21.5 - 21.6m section of | light gr | n color | | | | | | | | | | |
| | | of epidotite with trace of | pyrite m | ninerali | za- | | | | | | | | | |
| | | tion. | | | | | 7 | | | | | | | |
| | | | | | | | | | | | | | | |
| | | 21.8 - 23.0m dark grn andesit | e with s | section | of E | 3047 | 21.8 | 22.6 | 0.8 | 0.003 | 0.02 | | | |
| | 1 | white color atz yeinlets wi | th assoc | iated | 8 | 3048 | 22.6 | 23.0 | 0.4 | 0.001 | 0.01 | | | |

| LOCATION | " South | Unuk River, B.C. | | D | RILL | HOLEI | .0G | | | ······································ | | HOLE | No. 86-1 | PAGE NO. 2 of 5 |
|----------|----------------|---------------------------------------|-----------------|----------------|-------------|----------|--|---------------------|--------|--|-----------------|---------------|-------------------|--------------------|
| AZIM: 2 | 020 | ELEV: 1225m | | - | | | | | PROPE | RTY: DO | C | | | |
| DIP: _5 | 0 ⁰ | LENGTH: 68.6m | | | DI | PTEST | | | | | | | | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORREC | FOOTAG | E READIN | IG CORRECT | CLAIN | NO: DOC | Claims | | | |
| STARTED: | August | 14, 1986 | | | | | | | SECTI | ON: 4+0 | <u>0SE</u> | | | |
| COMPLETE | D: August | 17, 1986 | | | | | | | 000 | ED BY: W. | Gewarg | is | | |
| PURPOSE: | To test | Trench #5 | | | | | | | DATE | LOGGED: A | ugust 1 | 6, 1986 | j | |
| | | | | | | | | | DRILL | אנ co: | ongyear | <u>Canada</u> | 1 | |
| CORE REC | OVERY: 88 | ,5% | | | | 1 | <u> </u> | <u> </u> | ASSAT | ED BY: AC | <u>me Lab</u> , | Vancou | <u>ver, 8</u> .C. | |
| F00 | TAGE | DESCRIPTION | | - | | SAMPLE | F00 | TAGE | LENGTH | (<u> </u> | | ASS | AYS | |
| FROM | то | | | | | NO. | FROM |) TO _(M) | (M) | ožyt | ož/t | | | |
| | | trace of pyrite, mainly from | 22.2m - | 2cm wi | de, 80 |)49 | 21.8 | 22.6 | 0.8 | 0.003 | 0.02 | | | |
| | | at 22.2m - 5 cm wide at 80° | to core | axis | 80 | 050 | 24.3 | 24.7 | 0.3 | 0.001 | 0.02 | | | |
| | | At 23.3m - 7 cm wide, from 22. | 6 - 23 m | patch o | f 8(|)51 | 24.7 | 25.0 | 0.3 | 0.001 | 0.001 | | | |
| | | white atz veinlets within th | e dark q | rn ande | site.80 |)52 | 25.0 | 25.4 | 0.4 | 0.001 | 0.04 | | | |
| | | | | | 8 |)53 | 25,4 | 25.8 | 0.4 | 0.001 | 0.01 | | | |
| | | | | | 8(|)54 | 25.8 | 26.8 | 1.0 | 0.001 | 0.03 | | · | |
| | | | | | | | | | | ļ | l | | | |
| | | From 24.3 - 25.8m light grn, a | ndesite | with | | | | ļ | | | | | | |
| | | oxidized zone throughout thi | <u>s_sectio</u> | n, and | | | | | | . | <u> </u> | | | |
| | ļ | <u>white - white grey atz veinl</u> | <u>ets at r</u> | <u>ight an</u> | <u>ale</u> | | | | | ļ | | | | |
| | | to core axis. | | | | | <u>. </u> | . <u> </u> | | | ļ | | | |
| | | <u>Limonitic - oxidized zone from</u> | 24.3 - | <u>24.7m,</u> | 25.4 | | . <u>.</u> | <u> </u> | | <u> </u> | | | | |
| / | ļ | <u>25.8m and finally qtz vein</u> | from 24 | .7 - 25 | <u>.Um.</u> | { | | <u> </u> | | | | | | |
| | | | | | | { | | | | | | | | |
| | | From 20.5 - 20.7m patches of q | tz and I | 1001111 | <u>c</u> | | | <u>}</u> | | | | | | |
| } | | | frature | d with | | | | ┨────── | | | | | | |
| · | | rrom 31.0 - 34.5 broken core, | Tracture | 22 7 | <u> </u> | | | ┼╍━──┤ | | | | | | |
| ┝━─── | | Qoude and limonitic Zone mai | <u>019 1000</u> | <u> </u> | <u></u> | <u> </u> | | | | | | | | |
| | | <u>. 34./m with gouge at 33./m, 3</u> | 4.2, 34. | +1/l • | <u> </u> | | | | | 1 | | | | |
| | | At 32.6 0 3m cone missing (s | aving | | | } | - | | | | <u> </u> | | | — —- |
| | <u>+</u> | Enom 36 7 35 2 deals one and | cito uit | h atz | | t | | | | | | | | · · · |
| | | veinlets and broken core. | STIC MIU | <u>0_944_</u> | | | · • • • • • • • • • • • • • • • • • • • | <u>├───</u> | | | | | | |
| | | From 35.3 - 36 7m atz veinlets | within | fractur | ed | | | | | | | | | |
| · | | andesite, with gouge mainly | at 36.4m | | 8 | 055 | 33.7 | 34.7 | 1.0 | 0.002 | 0.04 | | | |
| | | From 35.3 - 36.7 this possibly | a miner | alized | 8 | 056 | 34.7 | 35.3 | 0.6 | 0.001 | 0.01 | | | |
| | | zone with highly limonitic a | lteratio | n. | 8 | 057 | 35.3 | 36.7 | 1.4_ | 0.001 | 0.03 | | | |
| | | | | | 8 | 058 | 36.7 | 37.5 | 1.0 | 0.001 | 0.02 | | | |
| | | | | | 8 | 059 | 37.5 | 38.7 | 1.2 | 0.002 | 0.02 | | | |
| | | From 37.0 - 40.0m broken core | up to 5 | — 10 ст | in 8 | 060 | 38.7 | 39.3 | 0.6 | 0.001 | 0.03 | | | |

| LOCATION | : South | Unuk River, B.C. | | D | RILL H | OLEL | OG | | | | | HOLE No. | 86-2 | PAGE NO. 3 of 5 |
|----------------|-----------------|--|---------------------|------------------|---------------|---------------|----------|----------|-------|-----------------|--|------------------|---------------|--------------------|
| AZIM: 2 | 020 | ELEV: 1225m | | | | | | | PROP | ERTY: DO |)C | | | |
| DIP: _ | 50 ⁰ | LENGTH: 68.6m | | | DIP | TEST | | | | | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | CLAIR | тио: D(|)C Claims | S . | | |
| STARTED: | August 1 | 4, 1986 | | | | | | | SECTI | ON: 4+ | -00SE | | | |
| COMPLETE | o: Augus | t 17. 1986 | • | | <u> </u> | | | | LOGG | ED 8Y: W | . Geward | is | | |
| PURPOSE: | To test | Trench #5 | | | | <u> </u> | <u> </u> | <u> </u> | DATE | LOGGED: A | ugust lf | 5, 1986 | | |
| | | | | | | | | ļ | ORILI | ING CO: [| ongyear | Canada . | | |
| CORE REC | OVERY: 8 | 8.5% | | | L | L | L | <u> </u> | ASSA | ED BY: A | <u>cme Lab</u> , | <u>Vancouver</u> | <u>. B.C.</u> | |
| F00 | TAGE | DESCRIPTION | | | S/ | AMPLE | FOOT | AGE | LENGT | (₆₀ | | ASSAYS | | |
| FROM | TO | | | | | NO. | FROM(M) | TO(M) | (M) | pz7ť | 027t. | <u></u> | | |
| | | size with gouge, clay mainly | at 38 - | <u>38.1m.</u> | 38.5 80 | 61 3 | 9.3 | 40.0 | 0.7 | 0.001 | 0.02 | | | |
| | I | <u>- 38.6m, 38.9 - 39.0m, 39.5 -</u> | 39.6m | and | 80 | 62 4 | 0.0 | 40.5 | 0.5 | 0.001 | 0.02 | | | |
| | | finally at 40.0m. | | | 80 | 63 / | 0.5 | 41.1 | 0.6 | 0.001 | 0.01 | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | 80 | 64 4 | 1.1 | 42.4 | 1.3 | 0.001 | 0.02 | | | |
| | ļ | From 40.5 - 40.7 gtz veinlets f | <u>ew mm ir</u> | n size a | 1t | | | | | ļ | <u> </u> | | | |
| | <u> </u> | low ange to core axis with go | uge and | trace o | vf | | | | | 1 | | | | |
| | ļ | | | | | <u></u> | | | | | ┦ | | | |
| | <u>├</u> | From 40 7 41 1m dock and orde | cito uit | h ata u | | | | | | | $\left \right $ | | | |
| ··. | <u>├</u> | lots and limenitic zons Wit | bin this | <u>n quz y</u> | (e1) | | | | | 1 | | | | |
| | <u> </u> | | | Sectio | <u>u - [-</u> | | | | | + | | | | |
| | | <u>there is 0.3m core missing.</u> | | | | | | | | | <u>├</u> | | ~ | |
| · | | From $(1, 1) = (6, 4)$ dark and and es | ite with | string | an | | | | | | 1 | | ~ | |
| | | of qtz veinlets mainly at 43. | 0m - 1 c | m wide, | | | | | | | | | | |
| | <u> </u> | 44.2m - 1 cm wide. | | | | | | 1 | | 1 | 1 | | _ | |
| | <u> </u> | From 45.9 - 46.4m broken core. | slightly | fractu | ired | | | | | 1 | | | | |
| | | with otz veinlets at 70° - 85 | ⁰ to cor | e axis. | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 46 . 4m | 50.Om | Shear zone, limonitic, light br | <u>own with</u> | qouge, | 80 | <u>65 4</u> | 5.7 | 46.4 | 0.7 | 0.001 | 0.01 | | | |
| | | clay mainly at 48.4m. 48.7m. | <u>49.3m wi</u> | th trac | e 80 | 66 4 | 6.4 | 48.8 | 2.4 | 0.001 | 0.04 | <u> </u> | ~ | |
| | | of pyrite mineralization | | | 80 | 67 4 | 8.8 | 50.0 | 1.2 | 0.006 | 0.05 | | | |
| | | | | | | | | | | | | | | |
| | | From 46.4 - 50m broken core up | to 5 cm | in s <u>i</u> ze | · | | | | | | ļ | | | |
| | | <u>from 46.4 - 47.2 missing core</u> | <u>(0.6m)</u> | and fro | <u>m</u> _ | | | | | · · · · · · | ļ | | | |
| | | 47.2 - 48.2m 1.0m core missin | g | | | |] | | | <u> </u> | <u> </u> | | | |
| | | | <u> </u> | | | | | <u> </u> | 1 1 | 0.001 | | | | _ |
| 50m | 56.2m | Shear, limonitic and oxidized z | one, sim | <u>ilar to</u> |) the 80 | | 0.0 | 51.1 | 1,1 | 0.001 | 0.02 | | | |
| | | above, only less broken core. | Sectio | <u>ins of</u> | 80 | <u>69 5</u> | 1.1 | 52.0 | 0.9 | 0.001 | | | | ┉┼╍╍╍┥ |
| | | <u>broken core mainly from 50 -</u> | <u>50,2m, 5</u> | 0.7 - 5 | 4.9m 80 | 70 5 | 2.0 | 53.0 | 1.0 | 0.001 | 10.01 | ··· | | ╺╌┼╌╌╌─┥ |
| | 1 - | with gouge, clay a <u>t 51m, 51</u> . | <u>4m, 51.5</u> | m_• | <u>80 </u> | 71 5 | 3.0 | 54.2 | 1.2 | 0,001 | 0.01 | | | |

...

| LOCATION: | South | Unuk River, B.C. | | D | RILLI | HOLEI | OG | | | | | HOLE No. 86 | -2 | PAGE NO. 4 of 5 |
|------------|----------------|--|-----------------|----------------|---------------|--------------------------|----------|--|------------|-------------|----------------------|----------------|---------------|--------------------|
| AZIM: 20 | 20 | ELEV: 1225m | | | | • • • • • • • | | | PROP | RTY: DO | <u>C</u> | | | |
| DIP: _50° | | LENGTH: 68.6m | | | | . 1521 | | | | | | | | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAC | E READIN | G CORRECT | | INO: DOC | <u>Claims</u> | | | |
| STARTED: | August | 14, 1986 | | | | <u> </u> | | | SECTI | אס: 4+0 | <u> 0SE</u> | | | |
| COMPLETED | : Augus | t 17, 1986 | · · | | | <u> </u> | | | LOGG | ED 8Y: W. | Gewarg | is | | |
| PURPOSE: | <u>To test</u> | Trench #5 | | | | 1 | _ | | DATE | LOGGED: | August | 18.1986 | | |
| | | <u></u> | L[| | | | | | DRILL | ING CO: LO | ngyear (| Canada | | |
| CORE RECOV | /ERY: 88 | .5% | | | | I | | | ASSA | ED BY: A | <u>cme tab</u> | , Vancouver | <u>, B.C.</u> | |
| FOOT | AGE | DESCRIPTION | | | 5 | AMPLE | F00 | TAGE | LENGT | (- <u></u> | r . 8 . . | ASSAYS | · | |
| FROM | то | | | | | NO. | FROM |) TO(M) | <u>(M)</u> | ož7t | oz7 <u>t</u> | | | |
| 1 | | Badly broken_core_from 52.8 - | 54 . 9m. | | 8 | 072 | 54.2 | 55.3 | 0.9 | 0.001 | 0.03 | | | |
| | | Core missing from 51.5 - 53.0m | (0.1m c | ore mis | sinq) 8 | 073 | 55.3 | 56.2 | 0.9 | 0.001 | 0.01 | | | |
| | | 53 - 53.6m (0.3m missing), 53. | 5 - 53.9 | m (0.3m | 8 | 074 | 56.2 | 57.1 | 0.9 | 0.001 | 0.02 | | _! | |
| | | missing, 53.9 - 54.6 (0.4m.c | ore miss. | ina). | 8 | 075 | 57.1 | 57.8 | 0.7 | 0.001 | 0.01 | | | |
| | | | | | | | | | | | ll | | | |
| | | From 55.5 - 56.2m limonitic, o | xidized | zone | | | | | | <u> </u> | | | | |
| | | slightly fractured at 20° to c | ore axis | with t | race | | | | | | | | | |
| | | of pyrite mineralization. | | | | | | | | | ļ | | | |
| | | | | | | | | | | | | | | { |
| 56.2 | 57.1m | Qtz vein, good core, slightly | fracture | d, with | fine | | | | | <u> </u> | | | | |
| | | disseminated pyrite, hematit | e, galen | <u>a and t</u> | race | | | <u> </u> | | <u> </u> | | | | |
| | | of chalcopyrite mineralizati | on throu | <u>qhout t</u> | his | | | <u> </u> | | | | | ~ | |
| | | section mainly from 56.6 - 5 | <u>6.8</u> m. | | | | | ļ | | ļ | <u> </u> | | | |
| | | | | | | | | | | | | | | |
| | | <u>At 56.2m - qtz vein at 20° to</u> | core axi | s | | | | | | | | | | |
| | | At 57m - gtz vein at 75° to co | <u>re axis.</u> | | | | | ļ | | ļ | ļ | | | |
| <u> </u> | | | | | | | | ↓ ∤ | | ļ | | | | |
| 57.1 | 68.6 | <u>Andesite: dark grn, fine-mediu</u> | <u>m qraine</u> | <u>d with</u> | 8 | 076 | 61.5 | 62.3 | 0.8 | 0.001 | 0.01 | | | <u> </u> |
| | | good core section only small | section | <u>s of br</u> | <u>oken 8</u> | <u>8077</u> | 62.3 | 63.1 | 0.8 | 0.001 | 0.01 | | | |
| | | core mainly from | | | <u> </u> | 8078 | 63.1 | 63.8 | 0.7 | 0.001 | 0.03 | <u>·</u> · | | |
| | | <u>63.1 - 63.4m with gouge at 63.</u> | 4m. | | 8 | 3079 | 63.8 | 64.2 | 0.4 | 0.001 | 0.03 | | | |
| | | <u> 63.8 - 65.0m aouge, 65.9 - 66.</u> | | | 8 | 3080 | 64.2 | 64.6 | 0.4 | 0.001 | 0.01 | | | _ |
| | | 66.2 - 66.3m, 67.8 - 68.6 goug | E | 081 | 67.4 | 67.7 | 0.3 | 0.001 | 0.01 | | | | | |
| | | | | | | | | <u> </u> | | <u> ·</u> | | ····· | | |
| | | Section of epidotite, qtz vein | lets and | trace | of | | | <u> </u> | | | <u> </u> | | | _ |
| | | <u>pyrite scattered through thi</u> | <u>s unit m</u> | <u>ainly f</u> | rom |] | | | | | | <u> </u> | | _ |
| | | <u>60.9 - 61.0m. epidotite. qtz</u> | | | | | | | ┝ | | | | | |
| | | core axis. | e axis. | | | | | | | | └ <u>──</u> | | | |
| | | 61.5 - 62.2m | | | | | | | | | <u> </u> | | | <u>_</u> |
| | | | | | | í | | L [| | | | | _1 | |

| LOCATION | South | Unuk River, B.C. | | D | RILL H | OLEL |)G | | | | | HOL | E No. 86- | 2 | PAGE NO. 5 of 5 |
|-----------|-----------------|--|-----------------|---------------|-----------|----------|---------|---------|----------|----------|---------------------------------------|---------------|---|--|--------------------|
| AZIM: 20 |)2 ⁰ | ELEV: 1225m | | | | | | | PROPE | RTY: DO | С | | | | |
| DIP: _! | 50° | LENGTH: 68.6m | | | DIP | TEST | | | | | | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | CLAIM | NO: 000 | Claims | | | | |
| STARTED: | August 1 | 4, 86 | | <u></u> . | <u> </u> | i | | | SECTIO | N: 4+00 | <u>SE</u> | | | | |
| COMPLETED |): August | 17, 1986 | • | | | | | l | LOGGE | 08Y: W. | Gewarg | is | | | |
| PURPOSE: | <u>To test</u> | <u>: Trench #5</u> | | | | | | | DATE | OGGED: | August | 18, 19 | 86 | · | |
| | | | | | [| | | | DRILLI | NG CO: | ongyear | Canad | а | | |
| CORE RECO | VERY: 88 | .5% | | | L | | | | ASSAY | ED BY: A | <u>cme Lab</u> | <u>. Vanc</u> | ouver, | <u>B C </u> | |
| F001 | AGE | DESCRIPTION | | | S4 | MPLE | FOOT | AGE | LENGTH | | · · · · · · · · · · · · · · · · · · · | ASS | SAYS | · | |
| FROM | то | | | | | NO. | FROM | TOM | (M) | | 7 <u>+</u> | | | <u> </u> | |
| | | Sections of limonitic, oxidize | d zone w | ith gou | ge, | | | | | <u> </u> | | | | ļ | |
| | | <u>atz veinlets mainly from 63.</u> | 1 - 63.4 | m, | | | | | | <u> </u> | | | <u> </u> | <u> </u> | |
| | | 63.8 - 64.1m. | <u> </u> | | | | | | | | | | | ļ | |
| | | | | | | | | | | | ļ | | <u> </u> | ļ | |
| L | | <u>From 67.4 - 67.7m qtz veinlet</u> | within d | ark grn | | | | | | | | | <u> </u> | ļ | |
| | | andesite with trace of pyrit | <u>e and st</u> | <u>ringer</u> | <u>of</u> | | | | | | | | | | |
| | | epidatite | | | | | | | | | | | | | |
| | | (| | | | | | | | | | | | <u> </u> - | <u>-</u> |
| | | | | | | | | | | | | | <u> </u> | <u> </u> | |
| . <u></u> | | ······································ | | | | | | | | | | | | <u> </u> | |
| | | · · · · · · · · · · · · · · · · · · · | | | | | | | <u> </u> | | | | | <u> </u> | |
| | ······ | <u> </u> | | _ | | | —— | | ···· | ···· | | | | <u> </u> | |
| | | | | | | <u> </u> | | | i | | | | <u> </u> | <u> </u> | ┼╍───┤ |
| | _ | | | | <u></u> | | | | | | | | | <u>├</u> - | |
| | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | ┢╌━━- | -{{ |
| | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | <u> </u> | + |
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| | | -Gewargis Geological Consu | ting Inc | |
|------------|-----------------------------------|--|--|--|
| | | | DDH NO. | 86-3 |
| DIAMOND DR | ILL RECORD | | Page 1/ | |
| LOCATION | South U | nuk River, B.C. "DOC | Property" | |
| COLLAR | Northing | 4+00SE | REMARKSCore recove | ery 97% |
| | Easting Elevation | 1225m | From 89.7 - 94.0m | |
| | A - (A b | 202 ⁰ | mineralized zone, ox: - limonitic, qtz vein | idized |
| DRILLED | Din | <u>-75</u> ° | disseminated pyrite | through- |
| | Denth | 108.2m | out this section, wit | th trace |
| | Deptil | | of galena. | |
| Da Mo'Yr | Started Completed Logged | <u>August 18, 1986</u> <u>August 20, 1986</u> <u>August 19, 1986</u> | | ······································ |
| EQUIPMENT | Machine Core Size Dip Tests | Longyear Super 38 BQ | | |
| PURPOSE | To test and at | downdip extension of depth. | f Q-17, Q-22 at this loca | tion |
| RESULTS | Mineral 0.33 o: 0.81 o: | lized zone from 89.71 z/ton Ag OR From 91.4 z/ton Ag. | - 94.0m assayed 0.069 oz - 93.0m assayed 0.156 oz | /ton Au, /ton Au, |
| GEOLOGIST | W. Gewa | argis ———— Da | December, Mo'Yr | 1986 |

| LOCATION | : South | Unuk River, B.C. | | D | RILL } | IOLEL | .0G | | | | | HOLE No. | 5-3 | PAGE NO. 1 of 7 |
|-----------|-----------------|---------------------------------------|-------------------|----------------|-------------------|---------------------|-------------|-----------|-------------|----------|--|-----------|---------------|---------------------------|
| AZIM: 20 |)2 ⁰ | ELEV: 1225m | | _ | | | | | PROPE | RTY: DOC | | | | |
| 01P: _7 | 75 | LENGTH: 108.2m | | | DIP | TEST | | | | | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAG | E READIN | G CORRECT | CLAIM | NO: D0 | C Claims | | | |
| STARTED: | August | 18, 1986 | | | | 1 | | | SECTIO |)n: 4+0 | OSE | | | |
| COMPLETE | o: Augus | t 20, 1986 | | | | | | | LOGGE | D 8Y: W. | Gewargi | S | | |
| PURPOSE: | To test | down dip extensions of | | | | 1 | | | DATE | OGGED: | August 1 | 9, 1986 | | |
| | Q17-22 | Qtz vein | | · | | | | | DRILL | ING CO: | Longvear | · Canada | | |
| CORE RECO | VERY: 97 | % | | | <u> </u> | <u> </u> | 1 | | ASSAY | ED BY: A | cme Lab, | Vancouver | <u>, 8.C.</u> | |
| F001 | TAGE | DESCRIPTION | | | S. | AMPLE | F001 | TAGE | LENGTH | | | ASSAYS | | |
| FROM | то | | | | | NO. | FROM(M) | TO(M) | <u>(M</u>) | oz/t | ag oz7t | | | |
| 0 | 0.6m | Casing, no core recovered | | | | | | | | | | | | |
| 0 | 67.Om | Andesite: dark grn, fine-mediu | <u>m graine</u> | d, brok | cen | | | | | | | | _ | |
| | | core mainly from 0.6 - 6.0m, | 10.9 - | 11.1m, | | | | | | | | | | |
| | | 11.7 - 12.1m, 14 - 14.1m, 14 | .7 - 14. | .8m, 19, | .8 - | | | | | | | | | |
| | l | 20.3m. 21.5 - 21.6m. 22 - 22 | .2 <u>n. 2</u> 2. | 9 - 231 | n <u> </u> |)82 | 15.7 | 16.2 | 0.5 | 0.001 | 0.01 | | | |
| | | and from 26.7 - 27.2m | | | | | | | | | | | | |
| _ | | | | | | | | | | | | | | |
| | | Scattered epidotite stringers | through | out the | | | ······ | | | | | | | |
| | | above section, mainly from 1 | 2.0 - 17 | 7.3m wit | <u>th </u> | | | | | <u> </u> | | į | | |
| | | folded structure from 12.9 - | <u>13.1m</u> , | 23,6-24 | +.8mm <u>8</u> (| 083 | 21.9 | 22.4 | 0.5 | 0.001 | 0.01 | | | |
| | | | | | | | | | | | | | | |
| | | <u>Small qtz veinlets with epidot</u> | <u>ite, li</u> | <u>ionitic</u> | | | | | | | | | | |
| | · | alteration mainly from 15.7 | <u>- 16,2m</u> | 21.9 - | · | $ \longrightarrow $ | | | | ľ | <u> </u> | | | <u> </u> |
| | | 22,4m | | | | | | | | · · · · | | | | |
| | | | <u> </u> | | | | | | | | ┝───┝ | | | <u> </u> |
| | | <u>27.3 - 32.5m small white plasi</u> | <u>oclase</u> s | pecks . | ··· | ł- | | | | | ├ ─────┤- | | | |
| | | within the fine ground mass | with por | <u>phyriti</u> | <u> - </u> | | | | ····= | | ┨───┤ | | | |
| | | Lexture with harrow small qt | z/epidot | lte | | ł· | | | | | ┟╍╍╍╌┥╴ | | | |
| | | veintets at 90 to core axis | <u> </u> | | | <u></u> | | | | | ┝━━──┼ | | | |
| | | | | | | | | | | | ╎───┼╸ | ╾╌┼╴╾╸ | | |
| | | From 32.9 - 35.3m broken core | with sec | tion of | | | | 25 2 | | 0.001 | | <u></u> | | |
| | | finonicic alteration with qt | ∠_veinie | <u>ts</u> mair | <u>11 Å 1 '8(</u> | 104 | 34.9 | 33.3 | U.4 | 0.001 | | | | |
| | | <u> </u> | | | | | | | | | <u>├</u> - | _ <u></u> | | -+ |
| ——— | | <u>At 35.3m atz veinlets 1 cm wic</u> | <u>e at 45</u> | 102_01 | .e. | _ | | —— | | | ┟╾╾╾╴╴┤╸ | | | |
| | | | tobac of | | <u></u> | <u> </u> | { | ——— | | | ├ ───┼ | | | ╾┼╾┈╾┥ |
| | | lote white is caller and the | ite - | <u>yuz ve</u> | <u> </u> | | | | | | ┟────┼╸ | | | |
| | | alteration atz veinlete acc | <u>uc maio</u> l | 110LJETC | | | | | | | ├ | | | |
| | | 39 4m small patches of str | | y at Ji | / <u>•+</u> | | | | | | | | | |
| ——— | | Jatines of quz. | | | | | | | | | | | | |
| | | | | | I | ! | | | | | | | | |

| LOCATIO | אכ: South | Unuk River, B.C. | | D | RILLH | OLE | LOG | | | | ` | HOLE No. | 16-3 | PAGE NO. 2 of 7 |
|----------|------------------|---------------------------------|--|---------------------|----------|------------------|---------------|------------|-------------|-----------|--|-----------|--------|--------------------|
| AZIM: | 202 ⁰ | ELEV: 1225m | | | DIP | TEST | | | PROPE | RTY: UU | , | | | |
| QIP: | _75* | LENGTH: 108.2m | FOOTAGE | READING | COBBECT | FOOTAC | | G CORREC | | |)C Claims | | | |
| STARTE | De August | 19 1085 | | | | | | | SECTIO | on: 4- | -00SE | · | | |
| COMPLE | TED August | 10, 1900 | • | | <u> </u> | { | | | LOGGI | ED BY: W. | Gewardi | s | | |
| PURPOSI | E In the | t doundin extension of | | i | | | | | DATE | LOGGED: / | lugust 19 | . 1986 | | |
| | 017 | 22 atz vein | | | | | | | DRILL | ING CO: L | ongyear | Canada | | |
| CORE RE | COVERY: |)7% | | | 1 | 1 | | | ASSAY | ED 8Y: 4 | cme Lab. | Vancouver | , B.C. | |
| FC | OTAGE | DECORIDE | · | | .2 | AMPLE | F00 | TAGE | LENGTH | | | ASSAYS | | |
| FROM | то | DESCRIPTION | i | | | NO. | FROM(M |) TO(M) | (M) | oz/t | oz/t | | | |
| | | At 40.2 - few mm_wide_gtz vein | lets wit | h trace | of | | | | | | | | | |
| | | pyrite at 70° to core axis. | | | | | ļ | | | | | | | |
| | | | | <u></u> | | | <u> </u> | | <u> </u> | | <u> </u> | | | |
| | | From 41 - 41.2m white color at | <u>z patch</u> | up to 1 | <u></u> | | | | | <u> </u> | <u> </u> | | | |
| | | in size with pinkish plagioc | lase | | | | | ļ | | ļ | <u> </u> | | | |
| <u> </u> | | At 41.4m small patch of gtz ve | <u>inlets.</u> | | | | | | · | <u> </u> | | | | |
| | | | • | . <u> </u> | | 05 | | 11.5 | 0.3 | 0.001 | | | | |
| | _ | From 44.2 - 44.4m atz veinlets | with tr | <u>ace_of</u> _ | | | # 4. 2 | 44.0 | 0.3 | 0.001 | 0.01 | | | |
| <u> </u> | | pyrite and epidotite and bro | <u>ken core</u> | • | <u> </u> | | | + | <u> </u> | | ┼╌╌╸┽ | | | |
| | | Ence 25 2 El En enall enceko | | | | | | + | | · | | | | |
| | | From 55.5 - 51.5% small specks | | | LIVSUS. | | | | | | ┼──┤ | | | |
| | | porobyritic texture. | <u>ipiagioc</u> | Tasel | | | | | 1 | 1 | <u> </u> | | | |
| | | | ······································ | | | | | | [| | | | | |
| | - | Broken core from $46.6 - 46.7m$ | 49.8 - | 50.0m a | nd | | | - | | 1 | | | | |
| | | 51.7 - 51.9m | | <u></u> | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | From 56.3 - 56.4m Limonitic, s | liqhtly | fractur | ed 81 | 386 | 56.3 | 56.6 | 0.3 | 0.001 | 0.01 | | | |
| | | shear zone with trace of pyr | <u>ite at 8</u> | 0 ⁰ - 90 | 0 | | | <u> </u> | | <u> </u> | | | | |
| | | to core axis. | | <u></u> | | | | | | <u> </u> | | [· | | |
| | | | | | | | ; | ļ | | | | | _ | |
| | | From 59.1 - 59.2 stringer of q | t <u>z, with</u> | <u>limoni</u> | tic | | | <u> </u> ; | | | | | | |
| | | trace of pyrite mineralizati | <u>on.</u> | | 8 | 387 | 59.1 | 59.4 | 0.3 | 0.001 | 0.01 | | | |
| | | From 62.1 - 62.6m broken core, | slightl | <u>y fract</u> | ured | | | | | <u> </u> | ┼────┼- | | | _ <u>_</u> |
| ┝━───- | | with scattered thin stringer | <u>of epid</u> | <u>otite.</u> | | | - | <u> </u> | | | <u> </u> | | | ╾┼╾╾┦ |
| | | | | <u> </u> | | | | | | | | <u> </u> | | |
| <u> </u> | _ | From 63.0 - 63.15m gtz vein W1 | <u>th limon</u> | <u>itic, p</u> | vrite | | | 63.0 | 0.6 | 0.001 | | | | |
| <u> </u> | | and hematite mineralization. | <u>slightl</u> | <u>X</u> | | 188 - 189 - | 63.0 | 63.2 | 0.4 1.2 | 0.001 | 0.01 | | | _ |
| <u></u> | _ | i iractured, at b3.Um - dtz ve | in at 55 | <u>to co</u> | | 100 | 63.0 | 63 7 | 0.5 | 0 001 | 0.01 | | | ╾┼╾╾╾┤ |
| | | axis. | | | <u></u> | 990 | VJ.L | 1 0 0 0 1 | <u>v.</u> J | | 10.01 | | | |

| LOCATIO | South | Unuk River, B.C. | | D | RILL | IOLE | LOG | | | | | HOLEI | 86-3 | PAGE I 3 of | NO. 7 |
|-----------|------------------|-------------------------------------|------------------------------|-----------------------|----------|----------|--|---------------------|------------|-----------------------|----------------|---------------|-----------------|----------------|----------|
| AZIM: | 202 ⁰ | ELEV: 1225m | | | _ | | | | PROPE | <mark>вту:</mark> D0C | | | | | _ |
| DIP: | -75° | LENGTH: 108.2m | | | DIP | TEST | | | | | | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAC | E READIN | G CORRECT | CLAIM | NO: DOC | Claims | | | | |
| STARTED | 🕫 August | 18, 1986 | | | | | | | SECTIO | N: 4+00 | SE | | | | |
| COMPLET | reo: Augus | st 20, 1986 | | | | | | ĺ | LOGGE | ЮВЧ: ₩. | Gewarg | is | | | <u> </u> |
| PURPOSE | I To test | downdip extensions of | | | | | | | DATE | 000660: | August | 19, 1986 | | | |
| | 0172 | 2 gtz vein | | | | <u> </u> | | | DAILL | ING CO: LO | <u>ngyear</u> | <u>Canada</u> | | | |
| CORE RE | COVERY: 972 | <u> </u> | | | <u> </u> | 1 | | | ASSAY | ED BY: AC | <u>me Lab.</u> | Vancouv | <u>er.</u> B.C. | | |
| F0 | OTAGE | DESCRIPTION | | | 5 | AMPLE | F00 | TAGE | LENGTH | | 1 10 | ASSA | <u>YS</u> | | |
| FROM | то | | | | | NO. | FROMM |) TO _(M) | <u>(M)</u> | <u>77t</u> | <u>o27t</u> | _ | | | |
| | , | At 63.6 ~ 5 cm wide qtz vein, | limoniti | <u>c - oxi</u> | dized | | | | · <u> </u> | <u> </u> | | | | | |
| | | zone with disseminated pyrit | e, hemat | ite at | 700 8 | 091 | 66.5 | 67.0 | 0.5 | 0.001 | 0.01 | <u> </u> | | | |
| | | to core axis. | | <u> </u> | 8 | 092 | 67.0 | 68.1 | 1.1 | 0.001 | 0.02 | | | | |
| ļ | | | ··- ·· ·· ·· | | 8 | 093 | 68.1 | 68.6 | 0.5 | 0.001 | 0.02 | _ | | | |
| | | At 65.6 - 1 cm white qtz vein. | | | 8 | 094 | 68.6 | 69.9 | 1.3 | 0,001 | 0.01 | | | | |
| | | From 65.6 - 67.0m broken core | 8 | 095 | 69.9 | 70.7 | 0.8 | 0.001 | 0.01 | | | | | | |
| | | <u>small (narrow) stringer vein</u> | 8 | <u>096</u> | 70.7 | 71.2 | 0.4 | 0.001 | 0.01 | <u> </u> | | | ~ | | |
| | | | 8 | 097 | 71.2 | 71.9 | 0.7 | 0.001 | 0.01 | | | | | | |
| 67 | 72.0 | Cilicified and aites light and | fine t | | 8 | 098 | 71.9 | 72.7 | 0.8 | 0.001 | 0.01 | ·- ·- | | | |
| 0/ | | Silicified andesite: Light gri | , rine g | Carned | WICH 8 | 099 | 72.7 | 73.8 | 1.1 | 0.001 | 0.01 | ├ | | | ~ |
| - <u></u> | | 20 - 50% qtz, epidotite, and | slighti | y fract | urea 8 | 100 | /3.8 | /4.3 | 0.5 | 0.001 | 0.01 | | | | |
| | _{ | and broken core in some sect | 10115. | | | | | <u> </u> | | | ļ | | <u> </u> | | |
| | | Scattered desseminated rine - | <u>- megium</u> vallou cu | <u>pyrite</u> alan | | | | <u> </u> | <u> </u> | | | | | | |
| | | ranging riom bright to duit | CIIUW C | 0101. | | | | | | | | | | | |
| | | From 67 - 67.5m broken core wi | th aquae | and | | [| | | | | | | | | |
| | | fracture at 25° to core axis | . gouge | | | | | <u> </u> | | | | | | | |
| | | | <u> </u> | | | | <u>. </u> | | | | | | | | |
| | | From 67 - 68.1m qtz up to 20% (| vithin a | ndesite | | | | | | | | | | | |
| | | slightly fractured at low an | ge to co | re axis | . | | , | | | | | · · | | | |
| | | | | | | | | | | | | | | | |
| | | From 68.6 - 69.9m highly silic | ified ep | idotite | , | | | | | · | | | | | |
| | | section with disseminated pyri | his | | | | | | | | | | | | |
| | | section, slightly fractured wi | 5% | | | | | | | | | | | | |
| | | qtz epidotite. | | | | | | | | | | | | | _[|
| | | | A . A | | | | | | | | | | | | |
| | | 69.9 - 70.7 dark grn andesite | with les | s_than_ | 1% | | | | | | | | | | _ |
| | | qtz and up to 3 - 5% stringe | <u>of epi</u> | dotite. | <u> </u> | | | | | | | | | | _ |
| | | | | | | | | | | | <u> </u> | | | | |
| | 1 | | | | | | | | | | | | 1 | | |

| LOCATIO | : South | Unuk River, B.C. | | ת | | 01 5 1 | | | | | <u>.</u> | HOLE No. | 06.0 | PAGE NO. |
|----------|----------------|--|-----------------|-----------------|---------------|----------|----------|----------|------------|----------|----------------|-------------|--------|----------|
| | | | | U | RILLI | ULCL | Ju | | | 000 | | l | 00-3 | / |
| AZIM: 2 | 020 | £LEV: 1225m | | | מט | TEST | | | PROPE | ATY: DUC | - | | | |
| DIP: -) | 50 | LENGTH: 108.2m | <u></u> | | | | | | 1 | | 0.01. | | | |
| | | | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | | NO: DU | U Ulaims | š | | |
| STARTED: | August | 18, 1986 | | | | | l | | SECTIO | in: 4+() | OSE | | | |
| COMPLET | eo: Augu | st 20, 1986 | | | | | | <u> </u> | | DBY: W | <u>Gewarci</u> | is | | |
| PURPOSE: | <u>To test</u> | downdip extensions of | | | | | | | | OGGED: | August 1 | 19, 1986 | | |
| ļ | 017 - 2 | 2 atz vein | | | | | | | | NG CO: | Longyear | - Lanada | 0.0 | |
| CORE REC | DVERY: 97 | ~ | Į | | | <u> </u> | L | <u> </u> | ASSAY | ED BY: A | cme Lab, | , Vancouver | . B.U. | |
| FOC | TAGE | DESCRIPTION | | | S | MPLE | FOOT | AGE | LENGTH | Ay: | - Ag | ASSAYS | | |
| FROM | то | | | | | NO. | FROM (M) | (M) | <u>(M)</u> | oz/t | oz/t | | | |
| | ۱ | From 70.7 - 71.2m epidotite - | qtz up to | o 10 - 1 | 5% | | | | | | | | | |
| | | with scattered disseminated | oyrite. | | | | | | · | | | | | |
| ŧ | | | | _ | | | | | | | | | | |
| | | From 71.2 - 71.9m dark grn and | esite wi | th small | | | | | | | ļ | | | |
| | | veinlets of qtz, epidotite 1 | ess than | 5% | | | | | | | | | | |
| | | | | - | | | | | | | | | | |
| | | From 71.9 - 73.8m light grn an | desite w | ith epid | lotite | | | | | | | | | |
| | | - gtz veinlets up to 50% sli | ahtly fra | <u>actured</u> | and | | | | | | | | | |
| | | broken core mainly from 72.3 | <u>- 72.7m</u> | where | | | | | | | | | | |
| | | otz veinlets occur scattered | dissemi | nated py | rite | | | | | | | | | |
| | | throughout this unit. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 73.8 | 89.7m | Andesite: dark grn, fine - med | ium qrai | ned with | <u>1 81</u> | 01 7 | 6.3 | 76.6 | 0.3 | 0.001 | 0.02 | | | |
| | | slightly fractured with scat | tered fi | <u>ne stri</u> | iger 81 | 02 7 | 7.7 | 78.9 | 1.2 | 0.001 | 0.01 | | | |
| | | of epidotite at 70° - 80° to | core ax | <u>is and c</u> | <u>itz 81</u> | 03 7 | 8.9 | 79.7 | 0.8 | 0.001 | 0.01 | | | |
| | | vein with disseminated - tra | ce of py | rite. | 81 | 04 7 | 9.7 | 80.2 | 0.5 | 0.001 | 0.01 | | | |
| | | | | | | | · | | | | | | | |
| | | At 74.5m - few mm wide qtz vei | nlets al | ong | | | | | | | | | | |
| | | fracture zone at 30° to core | axis. | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | |
| | | At 76.5 - 5 cm wide atz veinle | ts with (| coarse | | | | | | | | | | |
| | | pyrite bright vellow in color | up to 109 | <u>% at 60</u> |) | | | | | | | | | <u>_</u> |
| | | to core axis. | | | | | | | | | | | | |
| | | | | | | | | | | <u></u> | | | | |
| · | 1 | From 77.7 - 78.9m epidotite - | <u>itz vein</u> | lets wit | <u>hin</u> | | | | | | <u> </u> | | | |
| | | dark grn andesite up to 60% | with sca | <u>ttered</u> | | | | | | | <u> </u> | | | |
| | | pyrite, slightly fractured a | nd broker | <u>1 core.</u> | | | | | | | - | | | |
| | | | | | | | | | | | | | | |
| | | From 79.7 - 80.1m dark grn and | esite wi | th 40% | | | | | | | | | | |
| | 1 | epidotite - gtz veinlets wit | n dissem | inated g | ovrite. | | | | | | | | | |

| LOCATION | : South l | Jnuk River, B.C. | | D | RILL | 101 F 1 | ດເ | | | | | HOL | E No. 86- | 3 | PAGE NO. 5 of 7 |
|-----------|---|---|---|----------|-----------------|-------------------|------------------|---------|----------|-----------------------|----------|--|--------------|----------|--------------------|
| A71M+ 2 | 020 | ELEV: 1225m | | <i>.</i> | 44 <i>44</i> 44 | | vu | | 80090 | | | | 00- | <u> </u> | |
| 010: -7 | <u>50</u> | LENGTH: 108.2m | | | DIP | TEST | | | | | , | | | | |
| | <u> </u> | CORE SIZE: 80 | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | CLAIM | NO: DOC | Claim | <u>. </u> | | | |
| STARTED: | August | 18, 1986 | | | | | | | SECTIO | 000: 4+00 | SE | <u> </u> | | | |
| COMPLETE | D: Augus | st 20, 1986 | | | | | 1 | | LOGGI | ED BY: W. | Gewar | ais | | | |
| PURPOSE: | To test | t downdip extensions of Q17 - 22 | | | | | | 1 | DATE | LOGGED: | August | 19.19 | 86 | · | |
| | qtz ve | in | | | | | | 1 | DRILL | ING CO: | Longve | аг Сапа | da | | |
| CORE RECO | OVERY: 979 | 8 | | | | | | | ASSAY | ED BY: AC | me i ab | , Vanco | uver, B | .C. | |
| F00 | TAGE | DESCRIPTION | | | S. | AMPLE | FOOT | AGE | LENCTH | | | AS | SAYS | | |
| FROM | то | | | | | NO. | FROMM | TQ(M) | (M) | bz7t | oz/t | | | | |
| | 1 | From 80.9 - 81.35m 20% epidoti | te with | qtz and | | | | | | 1 | | | | | |
| | | trace of pyrite, epidotite a | t low an | gle and | qtz | | | | | | | | | [| |
| | | _at 70% to core axis. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | From 81.8 - 82.2m narrow epido | tite str | inger w | ith | | | | | | | | | | |
| | | disseminated pyrite at low a | core ax | is. | | | | | <u> </u> | l | <u> </u> | | | | |
| | | From 84.6 - 85.0m gtz vein wit | 8 | 105 | 84.1 | 84.6 | 0.5 | 0.001 | 0.01 | ļ | | | | | |
| | | oxidized zone with pyrite, t | <u>race_of</u> | qalena, | 8 | 106 | 84.6 | 85.0 | 0.4 | 0.024 | 0.06 | | | | |
| | | hematite, slightly fractured | mematite, slightly fractured and broken core. | | | | | 85.6 | 0.6 | 0.001 | 0.01 | | ļ | | |
| | | | | | 8 | 108 | 85.6 | 86.9 | 1.3 | 0.001 | 0.01 | ļ | | | ┥ |
| | | | | | 8 | 109 | 86.9 | 87.8 | 0.9 | 0.001 | 0.01 | | | | |
| | | | | | 8 | 110 | 87.8 | 88.7 | 0.9 | 0.001 | 0.01 | | | | ┤ { |
| | | 85 - 85.6m silicified andesite | with sc | attered | 8 | $\frac{111}{112}$ | 88.7 | 89.7 | 1.0 | $\frac{0.001}{0.001}$ | 0.01 | | | | |
| | | pyrite mineralization. | | | | 112 | 09.7 | 91.0 | 1.3 | 0.021 | 0.05 | | | | |
| | | From 85 6 - 88 7m dark grn and | esite wi | th brok | en o | 113 | 91.0 | 91.4 | 0.4 | 0.034 | 0.09 | 0.000 | | 0 12 | |
| | | core mainly from 85.6 to 85.9m | . 86.2 t | o 87.1m | 8 | 114 | 91.4 (02 0 1 | 92.0 | 0.0 | | 0.55 | 0.009 | DZ/T AU | . 0.33 | bz/t Ag |
| | | with cave section at 87.1m 87 | .5 - 88 | 7m. | | 116 | 02 5 | 93 0 | 0.5 | 0.027 | 1 89 | <u>nacross</u> I nr | 4.30 | | <u> i</u> |
| | | Scattered narrow veinlets of s | ericite | enidot | ite s | 117 | 93 0 | 94 0 | 1.0 | 0.007 | 0.02 | 0 156 | h7/+ Au | 0.81 | $h_{z/t}$ |
| | | and gtz veinlets at $75^{\circ} - 80^{\circ}$ | to core | axis. | 9 | 118 | 94.0 | 95.0 | 1.0 | 0.001 | 0.01 | 200000 | 1 6 | | |
| | | Slightly fractured with sperks | of ovri | te. nal | enal 8 | 119 | 95.0 | 95.3 | 0.3 | 0.001 | 0.01 | 1 441 433 | | ••• | |
| | | along the fracture zone mainly | at 86.7 | m. | 8 | 120 | 95.3 | 96.3 | 0.5 | 0.001 | 0.01 | | | | ·] |
| | | along the fracture zone mainly at 60.7M. | | | | 121 | 96.3 | 97.2 | 0.9 | 0.004 | 0.03 | <u> </u> | | | |
| | From 88.7 - 89.7m light brown limonitic - | | | | 8 | 122 | 97.2 | 97.9 | 0.7 | 0.001 | 0.02 | | | | |
| | | oxidized zone, slightly fractured with broken | | | | 123 | 97.9 | 99.2 | 1.3 | 0.001 | 0.01 | 1 | | | |
| | core and trace of pyrite and galena. | | | | | |] | | | | | | | | |
| 89.7 | 94 . 0m | Mineralized zone: oxidized - | limoniti | c qtz v | ein | | | | | | | | | | |
| | | with disseminated pyrite throu | ion | | | | | | | | l | | | | |
| | | with some specks of galena. | | · | | | | | | | | [| | | |
| | | | | | | | | | | | | | | | |

| LOCATION | South | Unuk River, 8.C. | | D | RILL H | OLEL | 0 G | | | | | HOLE No. | 863 | PAGE NO. 6 of 7 |
|------------|----------------------------|---|-----------------------------|---------------------------|-------------------|------------|----------|--|----------|---------|-----------------------------|---------------|---------|--------------------|
| AZIM: 202 | 20 | ELEV: 1225m | | | D 13 | | | | PROPE | ATY: 00 | <u> </u> | | | |
| DIP: -7 | 5 ⁰ | LENGTH: 108.2m | | | 017 | 1231 | r | <u> </u> | | | | | | |
| | | | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | CLAIM | NO: D0 | <u>C Claims</u> | | | , ·, · |
| STARTED: | August 1 | 18, 1986 | <u> </u> | | | | <u> </u> | | SECTIO | DN: 4+ | 00 <u>SE</u> | | | |
| COMPLETE | August | 20, 1986 | | | | _ _ | | | LOGGE | 0 8Y: W | <u>Geward</u> | is | | |
| PURPOSE: | <u>To test</u> | downdip extensions of Q17-22 | [] | | | | [| | DATEL | | August 19 | 9, 1985 | | |
| | <u>atz veir</u> |) | | | | | <u> </u> | - | DRILLI | NG CO: | <u>Longyear</u> Acto Lob | <u>Canada</u> | 2.0 | ······ |
| CORE RECO | NERT: 9/2 | 6 | <u> </u> | | | | FOOT | | ASSAY | ED BT: | Achie Lab. | , vancouver | , 0.0. | <u></u> |
| FROM | TO | DESCRIPTION | ľ | | S S A | NO. | FROM(M) | TOM | LENGTH | Ayt | 1 077+ 1 | ASSATS | | |
| | | From 89.8 - 91m section of sil | icified | andesit | e | | | ···· · · · · · · · · · · · · · · · · · | <u> </u> | 0270 | 10270 | | | |
| | | with disseminated pyrite. | | | | | | | | | | | | |
| | | From 91 - 91.4m broken core, h | ighly li | monitic | | _ | | † | | | | 1 | | |
| - <u> </u> | | with gtz_and pyrite. | | | | | | | | | 1 | | | |
| | | | | | | | | | | | 1 | | | |
| | | From 91.4 - 92.0m gtz veinlets | with li | monitic | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | From 92 - 92.5m broken core wi | <u>thin the</u> | | | | | | | | | | | |
| | | limonitic ~ oxidized zone | | | | | | | | | | | _{ | |
| | | <u>From 92.5 - 94.0m good core/qt</u> limonitic, oxidized, slightl | <u>z vein w</u> y fractu | <u>ith pyr</u> red wit | <u>ite. </u> h | | | | | | ++ | | | |
| · | | pyrite and trace of galena. | £ | | | | | | | | | | | |
| | | | | | | | | | | r — — | | | | |
| | | 89.7 _ 91m gtz veinlets at 20° | to core | axis. | | | | | | | | | | |
| | | | | | | | <u> </u> | | | | | | | |
| | | At 91.4m qtz veinlets at 40° t | o core a | xis | | | | | | | ↓ | | | <u>_</u> |
| | | <u>At 93.1m qtz veinlets at 68 t</u> | <u>o core a</u> | <u>xis</u> | | | | | | | | | | |
| | | | | | | | | | | | ļ | | | |
| | | At 94.0m qtz veinlets at 45° t | o core a | X15 | | | | | | | | | | |
| | | | , | <u> </u> | | | | | | | | | | |
| 94 | 99.2m | Silicified andesite: this sect | 10n 15 1 | ocated | | | | | | | | | | |
| | | on footwall of the mineraliz | ed zone | ano | | | | | <u> </u> | | ├ . | | | |
| | | <u>n andesı</u> | <u>te with</u> nd | <u> </u> | | | <u> </u> | <u> </u> | | | | <u> </u> | ╧┼┈═╾╼┥ | |
| | section of qtz veinlets, l | | | tunod - | | | | ┉┈╌╌┤╌ | | | ┼───┼ | | | ┼╾╼┥ |
| | epidotite alteration. Sli | | | <u>rurea a</u> m. 97 4 | | | | | { | | ┟╌╾╌┠╸ | | | ╶╁╾╌╾┥ |
| | 07 8m | | | | | | { | | | _ | ┼╍──┼ | | _ | ╺┼╌──┤ |
| · | | 37.00. | | | · | | | | | | ┝ | | + | ╌┼────┤ |
| · | | From 94 - 95.0m silicified and | esite wi | th narr | 'ow | | | | { | | ┟╼╼──┨╸ | <u> </u> | | |
| { | | stringer of otz veinlets at | $65^{\circ} - 85$ | o to co | re | | | | | | | | | + |

| LOCATION | South | Unuk River, B.C. | | D | RILL H | OLEL | DG | | | | | ΗΟι | E No. 86 | -3 | PAGE NO. 7 of 7 |
|----------------|----------------|--|----------------------------|----------------|----------------|------------|----------|----------|----------|---------------|----------|----------|--------------------|----------|--------------------|
| AZIM: 2 | 020 | ELEV: 1225m | | | פות | TET | | | PROPE | RTY: U | 00 | | | | |
| 01P: _75 | 0 | LENGTH: 108.2m | | | | | | | | | <u> </u> | | | | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | | INO: UU | | 5 | | | |
| STARTED: | August | 18, 1986 | | ., | | ļ | ļ | . | SECTIO |)n: 4+ | OOSE | <u>.</u> | | | |
| COMPLETE | o: Augus | t 20, 1986 | | | | | | ļ | LOGG | EO 8Y: W | . Gewarg | jis | | | |
| PURPOSE: | <u>To test</u> | <u>downdip extensions of Q17 - 22</u> | ļ | | | | | ļ | DATE | LOGGED: | August 2 | 20, 198 | 36 | | |
| | <u>qtz vei</u> | n | | | | | | <u> </u> | DRILL | ING CO: | Longyea | - Canac | a | | |
| CORE RECO | VERY: 97 | % | _ | | <u> </u> | l | I | <u> </u> | ASSAY | ED 8Y: | Acme Lat |), Vanc | ouver, | B.C. | |
| F001 | TAGE | DESCRIPTION | | | 5/ | AMPLE | FOOT | AGE | LENGTH | · | | AS | SAYS | | |
| FROM | то | | | <u> </u> | | NO. | FROM (M) | TO (M) | (M) | ļ | | | · | | |
| | { | axis, with small section of lim | onitic q | tz vein | | | | | | | <u> </u> | | | | |
| | | from 94.6 - 94.7m. | | - | | | | | - | <u> </u> | | | | ļ | |
| | | | | | | | | | | <u> </u> | <u> </u> | | <u> </u> | ļ | |
| | | From 95 - 95.5m limonitic qtz v | ein with | trace | ot | | | | | | <u> </u> | | <u> </u> | ļ | |
| | | pyrite - galena and 0.3m (cor | e missin | g). | | | | | | <u> </u> | <u> </u> | | | ļ | |
| | | | | | | | | | | <u> </u> | ļ | | 1 | <u> </u> | |
| | | From 95.5 - 96.3m silicified an | <u>desite w</u> | <u>ith qtz</u> | - | | | | | ļ | ļ | | | | |
| | | <u>limonitic, epidotite alterati</u> | <u>on with</u> | <u>trace o</u> | <u>f</u> | | | | | | | | ļ | ļ | |
| | | pyrite, and qtz is 45° to cor | e axis. | | | | | | | | _ | | ļ | Į | |
| | | | • | • • • | | | | | | | | | ļ | ļ | |
| | | From 96.3 - 97.2m limonitic, qt | z vein W | ith pyr | ite | | | | | | | | | <u> </u> | 4 |
| | | <u>– hemitite mineralization.</u> | • • • • • · · | | | | | | ···· | | | | l | | |
| | | | | | | | | | | | | | | | |
| | | From 97.2 - 99.2m silicified an | <u>desite w</u> | ith | | | | | | - | | | <u> </u> | | |
| | | limonitic section from 97.2 - | 97 . 9m a | nd | | | <u> </u> | | - | | | | | <u> </u> | |
| | | <u>broken core from 97.5 - 97.80</u> | * | | | | | | <u> </u> | | | <u></u> | ┦ | | + |
| | 100 2- | At 98.7M dtz veinlets at 35° to | <u>core ax</u> | 15. | ;+h | | | | | | | | <u> </u> | <u> </u> | + |
| 33.5 | 100.20 | Andesite: uark gru, rine graine | ata unin | loto fo | <u>1 mm 81</u> | 24 1 | 07.7 | 108 2 | 0 5 | 0 001 | h 01 | <u> </u> | } | | + |
| | | scattered stringer of harrow | quz vern | 1665 16 | | 24 1 | 0/1/ | 100.2 | 0.0 | | | | | | + |
| | | in size at bu - bu to core | axis and | Small | · | | | | | | | | - - | | |
| | | stringer of epidotite at iow | ange to | <u>core ax</u> | <u>15.</u> | | | | | | | | 1 | | |
| | | D 1 | 1.05 | 105.2- | | | | | | | { } | | } | | |
| | | Broken core from $101.5 - 102.0$ | <u>. 100 -</u> tite vei | nlete | | | | | | | <u>├</u> | | | | + |
| | | $\frac{1}{1000} \frac{1}{1000} | CTIC AGI | | | | | | | · | | | | | + |
| | | with trace of pyrite. | | | | | | | | | | | | | + |
| | | r L C Holo at 108 2m | <u> </u> | | | | | | | ····· | | <u> </u> | | | + |
| <u> </u> | | Fnd of Hole at 100.20. | | | | | | | | | | | | | + |
| | | | | | | | | | | . <u></u> | | | | | + |
| - | | | | | | — | | | | | | | | | ┼───┤ |
| | | | | | | <u>L</u> . | L | · | | | L I | | L l | | ليستعمل |

| | | -Gewargis Geological Consu | llting Inc. |
|-------------|-----------------------------------|-------------------------------------|-------------------------------------|
| | | | DDH NO. 86-4 |
| DIAMOND DRI | LL RECORD | | Page 1/ |
| LOCATION | South U | nuk River, B.C. "DOC | Property" |
| COLLAR | Northing | 0+75SE | REMARKS Core recovery 98% |
| | Eastina | | |
| | Elevation | 1231m | From 62.9 - 66.1m |
| | 2101011011 | 0 | mineralized zone, consisting |
| DRILLED | Azimuth | 210 | of qtz vein white - milky |
| | Dip | - 600 | with pyrite mineralization |
| | Depth | 71.0m | with broken core and gouge |
| | | | at 64.0m |
| Da Mo Yr | Started | August 21, 1986 | broken core and gouge |
| | Completed | August 22, 1986 | 64.0m |
| | Logged | August 22, 1986 | |
| EQUIPMENT | Machine Core Size Dip Tests | Longvear Super 38 BQ | |
| PURPOSE | To tes Trench | at the massive sul #12 at depth. | phide mineralization occuring in |
| RESULTS | From 6 | 2.9 - 66.1m minerali oz/ton Ag | zed zone - assayed 0.023 oz/ton Au, |
| GEOLOGIST | W. Gew | argis Do | December, 1986 |

| LOCATION | n: South | Unuk River, B.C. | | D | RILL | HOLEL | .0G | | | | | но | LE No. 8 | 6-4 | PAGE NO. 1 of 4 |
|----------|-----------------|---------------------------------------|--|------------------|--|--------|----------|----------|--------|-----------|---------------------------------------|----------|-------------|------------|--------------------|
| AZIM: 2 | 100 | ELEV: 1231m | | | | | | | PROPE | RTY: DOC | 5 | | | | |
| DIP: _ | 60 ⁰ | LENGTH: 71m | | | Di | PTEST | | | | | | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAG | E READIN | G CORREC | CLAIN | NO: DO | C Claims | | | | |
| STARTED: | August | 21, 1986 | | | | | | | SECTI | ON: 0+75 | 5SE | | | | |
| COMPLETE | o: Augus | t 22, 1986 | · · | | | | | | LOGG | ED BY: W. | . Gewarq | is | | | |
| PURPOSE: | To_test | massive sulphide in Trench #12 | | | | | | | DATE | LOGGED: | August | 22, 19 | 86 | | |
| | | | | | | | | | DRILL | ING CO: | Longyear | Canad | a . | | |
| CORE REC | OVERY: 98 | <u> </u> | | | | | | | ASSA | ΈD 8Υ: β | Acme Lab | , Vanc | ouver. | B.C. | |
| F00 | TAGE | DESCRIPTION | 1 | | | SAMPLE | F00 | TAGE | LENGTH | r Lan | | AS | SAYS | . <u> </u> | · |
| FROM | то | | | | | NO. | FROM(M) | TO(M) | (M) | oz7ť | oz/t | | | | 1 |
| 0 | 2.1m | Casing: no core recovered. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 2.1 | 62 . 9m | Andesite: fine-medium grained. | , <u>dark g</u> r | n in co | olor, | | | | | | | | | | |
| | | with epidotite - qtz veinle | ts (narro | ow) stri | nger | | | | | | | | | | |
| | | up to fractions of mm in si: | <u>ze at 70</u> 0 | 2 - 90° | to | | | <u> </u> |] | <u> </u> | | ļ | .↓ | | |
| | | core axis, scattered through | <u>iout this</u> | <u>sectio</u> | <u>.</u> | | | | | | | | | | _ |
| | ļ | | | | | | | | | <u> </u> | | | | 4 | |
| | | From 2.1 - 8.2m slightly fract | tured and | <u>broker</u> | 1 | | | <u>.</u> | | <u> </u> | | <u> </u> | | | <u> </u> |
| | ļ | <u>core with core up to 10 - 20</u> | <u>) cm in l</u> | length | | | | | | I | | | | <u> </u> | |
| | <u> </u> | mainly at 3.0m, 4.0m, 6.7m. | Also br | <u>roken co</u> | ire | | | | | ļ | · · · · · · · · · · · · · · · · · · · | | | | _ <u></u> |
| | <u> </u> | <u>From 10.1 - 11.9m, 11.8 - 12.</u> | <u>lm, 12.7</u> | - 14.8m | <u>, </u> | | - | | | ļ | | | _ | <u> </u> | |
| <u> </u> | <u> </u> | <u>18.8 19.0m. 27.4 – 27.7m.</u> | <u> </u> | | 81 | 25 | 12.5 | 12.8 | 0.3 | 0.001 | 0.03 | <u> </u> | | | |
| <u> </u> | | | <u> </u> | | | | | | | ļ | | | | <u> </u> | ╺╁────┤ |
| <u> </u> | | From 8.9 - 9.4m scattered qtz | veinlets | 6 – epic | lotite | | | | | <u>}</u> | | <u> </u> | + | + | |
| | | throughout this section. | | | | | | | | <u> </u> | | | | | |
| | | At 10.8m - 1 cm of atz veinlet | ts with 1 | imoniti | <u> </u> | | | | | | | <u> </u> | | 1 | |
| | · | alteration at 60° to core as | /is | | <u> </u> | | | | | | | | | 1 | - i |
| | · | At 12.5 - 12.8m broken core - | atz veir | alate wi | th | | | | | <u> </u> | | | 1 | | 1 |
| | | trace of pyrite hematite a | d enidat | licia Wi Fite | <u></u> | | | | | | | | | <u> </u> | |
| | | At 15.2m - 1 cm atz veinlets | $\frac{1}{10} \frac{2}{10} \frac{1}{10} \frac$ |) core a | xis | | | | | | 1 | | 1 | 1 | 1 |
| | 1 | At 16.2m - 5 cm wide atz vein | lets at C | | ore | | | | | | 1 | · | 1 | 1 | + |
| | | axis. | | | | | | | | | | | 1 | 1 | |
| | | | | | <u> </u> | | | | | | | | | | T _a |
| | | At 20.4m - 5 cm qtz veinlets s | ith trac | ce of | | | | | | | | | | | |
| | | pyrite at 80° to core axis. | | | | | | | | | | | | | |
| | | | | | | Î | | | | | | | | | |
| | | From 21.6 - 21.8m qtz veinlet: | s with tr | race of | 81 | 26 | 21.6 | 21.9 | 0.3 | 0.001 | 0.01 | | | | |
| <u> </u> | | pyrite, epidotite and white | phenocry | /sts. Qt | z | | | | | | | | { | (| |
| | | veinlets at 60° to core axis | š. | | | | | | | | | | | 1 | |

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| LOCATION | South | Unuk River, B.C. | | D | RILLH | OLEI | .0G | | | | | HOLE No. | 86-4 | PAGE NO. 2 of 4 |
|---------------------------------------|---|----------------------------------|-----------------|----------------|--------------|--------|-----------|----------|---|-----------|----------|---------------------------------------|---------|--------------------|
| AZIM: 2 | 100 | ELEV: 1231m | | | D 10 | TEET | | | 78076 | RTY:DOC | <u> </u> | | | |
| D19: _ | 60 ⁰ _ | LENGTH: 71m | | - | , | 1531 | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAG | E READING | CORRECT | | 1 NO: 000 | Claims | | | |
| STARTED: | August | 21, 1986 | | | | | | <u> </u> | SECTION | 0+75 אינ | SE | | | |
| COMPLETE | o: Augus | st 22, 1986 | · | | <u> </u> | | 1 | 1 | LOGGE | ED BY: W. | Gewarg | ís | | |
| PURPOSE: | ⊺o_test | t massive sulphide in Trench #12 | | | | | | | DATE | LOGGED: A | ugust 2 | 2, 1986 | | |
| - | | | | l | | | | | DRILL | ING CO: | Longyea | r Ç <u>anada</u> | | |
| CORE RECO | OVERY: 9. | 8% | | | | | | | ASSAY | ED BY: AC | me Lab. | Vancouve | r. B.C. | |
| F00 | TAGE | DESCRIPTION | | | S | AMPLE | FOOT | AGE | LENCTU | | | ASSAYS | | |
| FROM | ТО | | | | | NO. | FROM(M) | TO(M) | ["(M)" | oz/t | oz/t | | _ | |
| | -t | At 22.1m small patches of gt | z within | the da | rk | | | | | 1 | | | | |
| | 1 | grn andesitic ground mass. | | | | | | | | 1 | | | | |
| | 1 | | | | | | | | | Ì | | | | |
| | 1 | From 24.2 - 24.6m stringer o | f qtz ve | inlets, | | | | | | | | | | |
| | [| epidotite intermixed with | dark grn | andesi | te | | | | | 1 | | | | |
| | · · · · · · · · · · · · · · · · · · · | at 85° - 90° to core axis | and abou | t few m | m | | | | <u>. </u> | 1 | | | | |
| | | in size. | | | | ĺ | | | | | | | | |
| · | | | | | | j | | | | <u> </u> | | | | |
| | <u> </u> - | At 27.5m gouge - clay within | the bro | ken cor | e | | | | | | | | | |
| • · • • • • • • | | from 27.4 - 27.7m. | | | | | | | | | | | | |
| | <u> </u> | From 30.1 - 30.5m light.grn | altered | andesit | e. | | | | | | | | | |
| | | From 33.2 - 35.1m broken cor | е. | | | | | | | | | | | |
| | <u> </u> | From 35.1 - 35.5m light grn | andesite | with | | | | | | | | | | |
| | | limonitic alteration, slig | htly fra | ctured. | | | | | | | | | | |
| | | From 35.4 - 41.4m broken cor | e | | 8 | 127 | 36.9 | 37.5 | 0.6 | 0.001 | 0.01 | | | |
| · · · · · · · · · · · · · · · · · · · | | From 36.9 - 37.0m marrow gtz | veinlet | s, slig | htly | | | | | | | | | |
| | | fractured with epidotite a | nd trace | of pyr | ite | | | | | | | | | |
| | | mineralization. | | | | 1 | | | | | | | | |
| | | From 37.9 - 40.3m folded and | <u>esite wi</u> | th smal | <u>l qtz</u> | | | | | | | | | |
| | | veinlets mainly at 38.8 an | d 40.3 f | ew mm w | ide _8 | 128 | 43.9 | 44.2 | 0.3 | 0.001 | 0.01 | | | |
| | | From 41.4 - 41.5 folded ande | <u>site wit</u> | h qtz a | nd | | | | | | | | | |
| | | pinkish plagioclase | | | | | | | | | | ĺ | | |
| | | From 43.4 - 43.7m narrow gtz | veinlet | s. epid | <u>otite</u> | | | | | | | | | |
| | | within folded andesite. | | | L | | | | | | | | | |
| | | From 41.4 - 62.4m good core | with min | or <u>sect</u> | ion | | | | | | | | | |
| | | of broken core mainly at 5 | 7.3 - 57 | <u>.6m. 58</u> | _2_ | | | | | | | | | |
| | | 58.4m, and 59 - 59.4m. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | From 43.9 - 44.1 qtz veinlet | s white | in colo | r, | | | | | | | | | |
| | | with pinkish plagloclase w | <u>ith trac</u> | e of py | <u>rite</u> | [| | | | | | | | |

| LOCATION | : South (| Jnuk River, B.C. | | D | RILL | | 0G | | | | | HOL | E No. 86 | <u>-</u> 4 | PAGE NO. 3 of 4 |
|-----------|-------------------|---------------------------------------|--|---------|--------------|----------|--------------|-----------|------------|-------------|----------|----------|-------------|------------|--------------------|
| AZIM: 2 | 100 | ELEV: 1231m | | | | | | | PROPE | RTY: DO | C | | | | |
| 012: -0 | 10 | LENGTH: 71m | | | DIP | TEST | | | | | - | | | | |
| ····· | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAG | E READIN | G CORRECT | CLAIN | NO: DOC | Claims | | | | |
| STARTED: | August | 21, 1986 | | | | | | | SECTI | 0+75 אינ | SE | | | | |
| COMPLETE | D: Augus | st 22, 1986 | · . | | | | | | LOGG | ED BY: W. | Gewarg | is | | | |
| PURPOSE: | To test | t massive sulphide in Trench #12 | | | | | | | DATE | LOGGED: | August | 22, 19 | 86 | - | |
| | | | | | | | | | DRILL | ואG CO: _ [| ongyear | Canad | a | | |
| CORE RECO | VERY: | 98% | | | | <u> </u> | | <u> </u> | ASSAY | ED BY: A | cme Lab | , Vanc | ouver, | B.C. | |
| F00' | TAGE | DESCRIPTION | | | 5 | AMPLE | F00 | TAGE | LENGTH | | | AS | SAYS | · | |
| FROM | то | | | | | NO. | FROM(M) | TO(M) | (M) | oz7t | oz/t | | | <u> </u> | |
| | , | mineralization. | | | | | ··········· | | | ļ | | Ļ | | ļ | |
| | L | From 48.0 - 1 cm wide qtz vein | with lig | ht gry | | | | ļ | | | <u> </u> | | <u> </u> | 1 | |
| | | alteration at 80° to core ax | is. | | | | - | <u> </u> | | ļ | | | | ļ | |
| | | <u>At 52m - 1 cm white qtz veinle</u> | ts at 75" | to cor | re | | | | <u> </u> | <u> </u> | | <u> </u> | ļ | | ~ - |
| | | axis. | | | | | | 1 | | | | | <u> </u> | ļ | |
| | | At 51.6 51.75 patches of api | datita vi | th that | | | | ···· | . <u> </u> | <u> </u> | | | | | |
| ··· | l | At 51.0 - 51.75 pateries of epi | dorice wi | | | | | | | | | | 1 | | |
| | | 52 2 53 8m atz veinlets | with epi | dotite | | | | | | <u> </u> | | | | | + |
| | | throughout this section from | 5-10% | | | | | | | 1 | | | | | |
| | | | | | | | | | | · - · · | | | | | |
| | | From 55.9 - 56.5m qtz veinlets | with epi | dotite | 81 | 29 | 55.9 | 56.5 | 0.6 | 0.001 | 0.03 | | | | |
| | | and trace of pyrite, slightl | y fractur | ed, bro | oken | | | | | | | | | | |
| | | core from 56.4 - 56.5 with g | ouge poss | ible m | inor | | | | | | | | | <u> </u> | |
| | | fault at 55° to core axis. | | | | | | | | | | | | ļ | |
| | | | <u> </u> | | | 20 | | | | | | | | ļ | |
| ····- | | At 59.6m - 7 cm qtz veinlets, | fractured | , high. | Ly 81 | 30 | 59.4 | 59.7 | 0.3 | 0.004 | 0.23 | | | <u> </u> | |
| | | altered with trace of pyrite | at /s t | o core | axis. | | | | | | <u> </u> | | | | |
| | - | At 59 9m - 7 cm wide natch of | enidatite | alter | | | | | | | | | | | -+ |
| | | ation with atz | epidocite | aice, - | | | | | | | | <u>.</u> | · | | |
| | | Erom $62.4 = 62.9 m$ broken core | | | | | | | | | | | l | | |
| · | | 1101 02.4 - 02.31 bloken core. | • | | | | | | | | | | | | |
| 62.9 | 66.1m | Mineralized zone: Qtz vein | with pyri | te | 81 | 31 | 62.5 | 62.9 | 0.4 | 0.001 | 0.02 | | | | + |
| | | mineralization throughout | ion. | 81 | 32 | 62.9 | 63.4 | 0.5 | 0.003 | 0.107 | | | | | |
| | | Badly broken core from 63.4 | Badly broken core from 63.4 - 64.0m with gouge | | | | | 64.0 | 0.6 | 0.018 | 0.14 | 0.023 | oz/t A | | |
| | | at 64.0m and from <u>65</u> - 66. | rom 65 - 66.1m. | | | | 64.0 | 64.8 | 0.8 | 0.063 | 0.27 | 0.145 0 | z/t Ag | | |
| | | | | | 81 | 35 | 64.8 | 66.1 | 1.3 | 0.010 | 0.09 | across | 3.2m | | |
| | | | | | 81 | 36 | 66.1 | 66.7 | 0.6 | 0.001 | 0.01 | | | | |
| | | | | | | | | | | | | | | | |

| LOCATIO | אי: South | Unuk River, B.C. | | D | RILLH | IOLE L | OG | | | | | HOL | E No. 86 | 5-4 | PAGE NO. 4 of 4 |
|----------|------------|--|-----------------|-------------------|---------------|----------|----------|---------------------------------------|---------|----------------|-----------------|-----------|--------------------|-------------|--------------------|
| AZIM: | 2100 | ELEV: 1231m | | | 010 | **** | | | PROPE | RTY: DO | С | | | | |
| DIP: | -600 | LENGTH: 71m | r | | 1 | 1521 | -, | . <u>.</u> | | | | | | _ | |
| <u> </u> | | | FOOTAGE | READING | CORRECT | FOOTAG | READING | CORRECT | | NO: 00 | C Claims | ; | | | |
| STARTE | : August | 21, 1986 | <u> </u> | | | | | <u> </u> | SECTIO | DN: 0+7 | 5SE | | | | |
| COMPLE | TED: Augus | t 22. 1986 | | | | | · | ļ | LOGGE | Day: W | . Geward | <u>is</u> | | | |
| PURPOSI | lo tes | <u>t massive sulphide in Trench #1</u> 2 | <u> </u> | | · | [| ļ | | DATE | LOGGED: | <u>August 2</u> | 3, 198 | 6 | | |
| | | G0/ | | | ļ | | | | DRILL | ING CO: | Longyear | • Canad | a | | |
| CORERE | COVERT: 9 | 8% | <u> </u> _ | | L | L | L | | _ ASSAY | ED BY: | <u>Acme Lat</u> | . Vanc | ouver. | <u>8.C.</u> | |
| | | - DESCRIPTION | | | S | AMPLE | FOOT | AGE | LENGTH | -Au | Au | ASS | | | |
| FROM | | [[and f2 0] f2 (a bighly alter | od ondoo | | | NU. | FROMM | | (M) | <u>bz/t</u> | oz7t | | | | |
| | | rrum 02.9 - 03.4m nighty after | et 100 + | A CORO | avia | | | | | | | | <u> </u> | | |
| | | dtz verniets along fracture | at ions | o core | ax15 | | | | | | | | | | |
| | | With 0x1012ed - 11monitie se | in with | ounito | <u> </u> | | | | | { <u> </u> | | | | <u> </u> | |
| <u> </u> | | From 05.4 - 04m, proken utz ve | <u>limoniti</u> | <u>pyrice</u> | | | | | | <u> </u> | | | <u> </u> | 1 | |
| | | From 64 - 64.8m atz vein epido | tite. ch | <u>lorite</u> | <u>at10</u> , | | | | | <u> </u> | | | <u> </u> | | |
| | | alteration with pyrite (in s | pecks) w | ith pin | kish | | | | | | | | | | |
| | | alteration (abundance of pyr | ite) | | | | | | | · | | | | | |
| | | | | | | | | | | | | | ¦ | | + |
| | | From 64.8 - 66.1m white gtz ve | in with | pyrite, | | | | · · · · · · · · · · · · · · · · · · · | | | | | 1 | 1 | 1 |
| | | chlorite, enidotite alterati | on/ | ••••••••••••••• | | | | | | | | • | | 1 | |
| | | | | | | | | | | | | | | 1 | |
| 66.1 | 71m | Andesite: dark grn andesite fi | ne grain | ed with | | | | | | .1 | | | | | |
| - | | scattered stringer of qtz ve | inlets a | t 70° _ | 900 | | | | | | | | | | |
| | | to core axis. | | · | | | | | | | | | | | |
| | | <u>Broken core from 70.9 - 71.0m</u> | | | | | | | | | | | <u> </u> | | |
| | | | | | | | | | | | | | | | |
| | | End of Hole et 71 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | <u></u> |
| | | | | | | | | | | | | | · | | <u></u> |
| | -{ | | | | | { | | | | | | | | | <u> </u> |
| | | | | | · - | | <u>+</u> | | | · | | | | ļ | |
| | | ···· | | | | | | | | | ┼──┤ | | | | ┼ ───┤ |
| | | ······································ | | | | | | | | <u> </u> | · | | | <u> </u> | ┼ ╼╼┥ |
| | | | | | | | | | | | | | | | <u> </u> |
| | | | | | | | | | | | <u> </u> | | | | <u> </u> |
| | | | | · · · · · · · · · | | | | | | | | | | | |
| | | | | | | | | | | | 1 | | | | |
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• -

| | | – Gewargis Geological Const | ulting Inc. |
|------------|-----------------------------------|---|--|
| | | | DDH NO. 86-5 |
| DIAMOND DR | ILL RECORD | | Page I / _ 1 |
| LOCATION | South U | Nnuk River, B.C. "DOC | Property" |
| COLLAR | Northing Easting Elevation | 0+75SE 1231m | REMARKS Core recovery 95% From 82 - 83.2m qtz vein white in color, fine-medium |
| DRILLED | Azimuth Dip Depth | 210 [°] -60 [°] 71.0m | with gouge. |
| Da Mo Yr · | Started Completed Logged | <u>August 22, 19</u> 86 <u>August 27, 19</u> 86 <u>August 23, 19</u> 86 | |
| EQUIPMENT | Machine Core Size Dip Tests | Longvear Super 38 BQ | |
| PURPOSE | To tes Trench | t the massive sulphi #12 at depth. | de mineralization occuring in |
| RESULTS | From 8 | 2.0 - 83.2m minerali z/ton Ag. | zaed zone assayed 0.036 oz/ton Au, |
| | | | |
| GEOLOGIST | W. Gew | argis Do | December, 1986 |

| LOCATI | on: South | Nouk River, B.C. | | D | RILL H | IOLEL | OG | | | | | HOLE No. | 6-5 | PAGE NO. 1 of 9 |
|----------|------------------|--|-------------------|------------|---|--|----------|------------|----------|----------------|-----------------|---------------------------------------|----------|--------------------|
| AZIM: | 210 | ELEV: 1231m | | | D.0 | | | | PROPE | яту: D(| 000 | | | |
| DIP: | 80 ⁰ | LENGTH: 187.8m | | | | 1521 | | | | <u></u> | | <u> </u> | | |
| ļ | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | | NO: DO(| <u>Claims</u> | · · · · · · · · · · · · · · · · · · · | | |
| STARTE | D: Augus | t 22, 1986 | | · | <u> </u> | <u> </u> | · · · · | ļ | SECTIO | N: 0+ | 15SE | _ | | |
| COMPLE | TED: <u>Augu</u> | st 27, 1986 | | | · | ļ | <u> </u> | | LOGGE | 08Y: W. | <u>Gewarg</u> : | | <u> </u> | |
| PURPOS | E: To tes | t downdip extensions of Massive | | | | <u> </u> | | ļ | DATE | LOGGED: | August | 23, 1986 | | |
| | Sulphi | | | | | <u> </u> | <u> </u> | <u> </u> | DRILL | NG CO: | Longyeau | <u>Canada</u> | | |
| | DOTACE | <u> </u> | [| | L | <u> </u> | | | ASSAT | ED BY: / | <u>icme Lab</u> | <u>Vancouver</u> | <u> </u> | |
| | | DESCRIPTION | l | | \$4 | AMPLE | FOOT | AGE | LENGTH | | Âđ | ASSATS. | | <u> </u> |
| FROM | | Creating the same measuremed | | | | NU. | FROM(M) | 10 (M) 1 | (M) | oz/t_ | _oz/t | | | |
| | <u>2.1m</u> | casing, no core recovered | | | <u> </u> { | | | | | · | | | + | |
| | | Andonitas dank ann fina mad | | | | | | | | | | | + | |
| <u> </u> | | Andesite: dark unit, fille-med. | loto th | neu witt | <u></u> | | | | | [| <u> </u> | | + | |
| <u>-</u> | | this section at $80 - 90^{\circ}$ to | rore av | <u>s</u> . | · | | | · | | | | | | |
| ├ | | | 0010 04. | | | | | { | | · · · | | | | |
| · | <u>_</u> | Badly broken core, mainly from | n 2.1 - 8 | 3.0m. 12 | 2.3- 8 | 3137 | 7.9 | 8.2 | 0.3 | 0.001 | 0.01 | | | + |
| | | 12.6m, 13.5 - 13.7m, 15.3 - | 15.5m. 1 | 6.7 - 1 | 6.8m | | | | | | | | - | |
| | | | | | | | | | | | | | | |
| | | From 17.3 - 17.5m broken core | with gou | ige and | | | | | | | | | | |
| | | cave in 17.4m possible minor | r fault. | | | | | | | | | | | \top |
| | | | | | | | | | | | | | | |
| | | 18.7 - 18.8 broken core, slig | ntly frac | tured | | | | | | | | | <u> </u> | |
| | | From 7.9 - 8.3 light gry-grn : | <u>altered</u> a | andesite | <u> </u> | | | | | | | | <u> </u> | |
| <u></u> | | with gtz vein, slightly frac | tured. | | | | | | | | | | | |
| | | <u>At 19.2m - few mm wide qtz ve</u> | in at <u>50</u> ° | core a | ixis. | | | | | | | | <u> </u> | _ |
| | | } | | | | | | | | | | | + | |
| | | | | | | | | <u>+</u> - | | | | | ┿━━- | |
| | | <u>At 22.3m - tew mm_white-qtz_v</u> | einlets a | at 60 t | <u>:o </u> | | | | | | | | | |
| | | Core_axis | | | | <u> </u> | | | } | | | | ┼─── | |
| | -{ | Epon 24 4 24 7m papeou atz | ainlets | with | | | <u> </u> | | | | | | + | |
| | | $\frac{1}{1000} \frac{24.4}{24.4} = \frac{24.700}{24.700} \frac{1}{1000} reinieus | WICH | | | | | | | <u> </u> | | + | |
| | | At 24.4m - otz veinlets few m | n wide, a | at 45° t | | | | | | | | | + | + |
| | | core axis. | | | | <u>}</u> | | | { | | | | + | |
| | | At 24.7m - qtz vein, 4 cm wid | e with 1 | ight bro | own | | · | —— | | | | | <u> </u> | |
| | | alteration at 50° to core a | xis. | | | | | | | | | | 1 | |
| | | | | | | | | | <u> </u> | | | | T | |
| | | Ecom 30 - 30.1m atz veinlets | with fra | acture 2 | one | | | | | | | | { | |
| | | limonitic alteration. trace | of pyrit | te at lo |) W | | | | | [| | | | |

| LOCATIO | South | Unuk River, B.C | | D | RILL H | OLEI | LOG | | | | 00 | HOLE No. | 86-5 | PAGE NO. 2 of 9 |
|----------|-------------|---|------------------------|-----------------|---|----------|-----------|----------|-----------------|---------|--|------------------|-----------|--------------------|
| AZIM: | 2100 | ELEV: 1231m | | | DIP | TEST | | | PROPE | RTY: U | | | | |
| 01P: | <u>80°</u> | LENGTH: 187.8m | | | | | | | 1 | | | | · | |
| | | | FOOTAGE | READING | СОННЕСТ | FOOTAC | E READING | CORRECT | | 100:00C | <u>Claims</u> | | ••••••••• | |
| STARTED | August 2 | 22, 1986 | | | | | | | SECTION SECTION | JN: U+/ | <u>55E </u> | | | |
| COMPLET | TED: August | 27, 1980 | | · · · · · | <u> </u> | | | <u> </u> | | | Gewardi | S 1006 | | |
| PURPOSE | lo test | downip extensions of Massive | | | | [| | | | | August 2 | 3, 1980 | | |
| | Sulphide | e in Irench #12 | | | | | | | DAILL | ING LU: | Longyea | <u>ir Canada</u> | · | |
| CORE RE | COVERT: 95% | í | l | | | | | | A33A1 | 1 | Acme Lab | Vancouv | er. B.C | • |
| FU | TAGE | DESCRIPTION | | | 5/ | AMPLE NO | FUUT | TOW | LENGTH | Ag- | 1 A9. 1 | | | |
| FRUM | | | | | | | | 10 [M] | LMJ | 02/t | | | | |
| | | angle to core axis. | C | | | | | | | | <u> </u> | | ╺──┼─── | |
| | _ <u>_</u> | From 39.7 - 39.8m white patche | s of qtz | <u>crysta</u> | <u>15, </u> | | | | · _ | { | ╏───┼╸ | | | |
| } | | medium in size, scattered th | roughout | this | <u>-</u> | | | | | | + | | ~ | |
| | <u> </u> | <u>section with no mineralizati</u> | on. | | { | | | | | { | | | { | |
| | | | | | | | | | | | | | | |
| | | <u> From 40.3 - 40.8m small qtz ve</u> | <u>inlets Wi</u> | <u>nite Wi</u> | <u>tn </u> | | | | | | | | | |
| | | epidotite and coarse pyrite | ninerali | <u>zation</u> | <u>up </u> | | | | | | ┼╴╴╌╸┼╸ | | | |
| <u>.</u> | <u> </u> | 10 2%. | | | | | | | | | 1 | | | |
| | | | 1 + | | | 38 | 42.2 | 42 6 | 0 4 | 0 001 | 0.01 | | | |
| | | ith accoriated trace of pup | <u>niets, m</u> Sto | <u>eqium, i</u> | and C. | | | | | 10.001 | | | | |
| | | with associated crate of pyr | 116. | | | | | | | | | | | |
| | -[| Broken and blocky core from 21 | 5 - 21 | 9m 25.3 | 2 - 1 | | | | | 1 | | | | |
| | | 25.8m 26.6 - 26.9m 32.2 - | 32 5m 3 | 3 1 _ 3 | 3.4m | | | | | ···· | | | | |
| | | $34.6 - 35.0\pi$, $35.6 - 35.7\pi$. | 35.9 - 31 | 6.0m. | <u></u> | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | From 42.6 - 43.5m broken core | with sma | ll sect | ions | | | | | | | | | |
| | | of possible minor fault zone | with ap | uge from | n | | | | | | | | | |
| | | 43.3 - 43.5m. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | From 43.5 - 50.7m good core. | | | | | | | | | | | | |
| | | From 50.7 - 52.8m broken core | with cla | y, gouge | e | | | | | | | | | |
| | | mainly 52.1m and from 52.7 - | 52.8m t | <u>his sec</u> | tion | | | | | | | | | |
| | | represents a fault zone with | aouae. | | | | | | | | - | | | |
| <u> </u> | | | | | <u> </u> | | | | | · . | <u> </u> | | | |
| | | At 48.6 - small white gtz vein | lets | | <u> </u> | [. | [. | | | | [| | | |
| | | _Eron 48.9 - 49.2m silicified d | ark grn.: | andesite | 81 | .39 | 48.9 | 49.2 | 0.3 | 0.001 | 0.01 | | | |
| | <u> </u> | with qtz - epidotite veinlet | s and tr | ace of | | | | | | | | | | |
| | | pyrite mineralization. | | | | | | | | | ļ | | | |
| | 4 | | | | | | 1 | | | | | | | |

| LOCATION | : South | Unuk River, B.C. | | D | RILL | OLEI | .0G | | | | | HOLE No. | 6-5 | PAGE NO. 3 of 9 |
|---------------------------|---|--|---|-----------------------|--------------------|--------------|-------------|-----------|---------------------------------------|----------------|-----------------|--------------|------------|--------------------|
| AZIM: 210 | nº <u></u> | ELEV: 1231m | | - | | | | | FROPE | ату: D0 | С | <u></u> | | |
| DIP: 01 | 0 00 | LENGTH: 187.8m | | | DIP | TEST | | | | | | | | |
| | <u> </u> | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAG | E READIN | G CORRECT | | NO: D0 | C Claims | | | |
| STARTED: | August | 22. 1986 | | | · · · · · | 1 | | | SECTIO | יאכ: 0 | +75SE | | | |
| COMPLETE | D: August | 27. 1986 | | | | | | | LOGGE | OBY: W | . Gewarg | is | | |
| PURPOSE: | To test | downdip extensions of Massive | | | | | | | DATE | LOGGED: | August | 26. 1986 | | |
| | Sulphide | in Trench #12 | | | | | | | DRILL | ING CO: | Longvear | Canada | | |
| CORE RECO | DVERY: 95% | <u> </u> | | | | | | | ASSAY | ED BY: | <u>Acme Lab</u> | , Vancouver. | в.с. | |
| F00 | TAGE | DESCRIPTION | | | 2 | AMPLE | FOO | TAGE | LENCTH | | | ASSAYS | | |
| FROM | TO | | | | [| NO. | FROM(M) | TO(M) | (M) | ož/t | oz/t | | | |
| | 1 | From 56 - 57.9m broken core wit | th major | fault | zone | | | | | | | | | |
| | | from 56.8 - 58.2m with gouge | from 57 | .9 - 58 | 2 m | | | | | | | | - | |
| | | | . <u> </u> | | | | | | | | | | | |
| 57.9 | 60.2m | Brecciated andesite: light grn | medium | graine | d 8 | 140 | 58.2 | 58.7 | 0.5 | 0.001 | 0.01 | | | |
| | | with qtz phenocryst up to 1 - | <u>- 2 cm i</u> | n size, | 8 | 41 | 58.7 | 59.0 | 0.3 | 0.001 | 0.01 | | | |
| | | scattered throughout this see | ction and | <u>d mainl</u> | <u>y 8</u> | 142 | 59.0 | 59.9 | 0.9 | 0.001 | 0.01 | | | |
| | | from 58.7 - 58.9m and 59.4 - | <u>59.6m.</u> | From 5 | 7.9 8 | 43 | <u>59.9</u> | 60.2 | 0.3 | 0.001 | 0.01 | | | |
| | | 58.2m major fault zone with o | jouge, so | cattere | d <u>8</u> | 44 | 60.2 | 60.8 | 0.6 | 0.001 | 0.01 | | | |
| | | limonitic alteration. | | | 8 | 145 | 60.8 | 61.3 | 0.5 | 0.021 | 0.08 | | | |
| | | | | | 8 | 146 | 61.3 | 61.9 | 0_6 | 0.001 | 0.01 | | | |
| 60.2m | 82.Om | Andesite: dark grn, fine-medic | um grain | ed, hig | hly | | | | · | | | | - | |
| | ļ | fractured and broken core with | <u>th only</u> : | small | | | | | | | <u> </u> | | | |
| | | sections of good core. | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | | | | | | <u> </u> | | | | | | | |
| _ _ | <u> </u> | Broken core from 61.4 - 61.6m. | 64.4 - 1 | 64 . 5m w | <u>ith 8</u> | 47 | 64.9 | 65.4 | 0.5 | 0.002 | 0-01 | | | |
| | | gouge and clay at 54.4m. | | | | | | | | ļ | | | | |
| | <u> </u> | <u>From 66.3 - 69.9m with gouge as</u> | <u>69,9m</u> | possibl | e | | | | | <u> </u> | ┼────┤ | | | |
| | <u> </u> | $\frac{1}{1} \frac{fault zone at 50 - 10}{10} to con$ | <u>e axis.</u> | 25 0 | | { | | | | <u> </u> | ┼───┼ | | | |
| | <u> </u> | From 70.7 - 73.5m Broken core, | /4.1 - | /5.9m, | /0.2 | | | | | | | | <u> </u> | |
| | <u> </u> | $\frac{1}{1} - \frac{1}{10} -$ | ing core. Non for | + +one | ··· | | | | | | ┼──┼ | <u> </u> | | |
| | | vith gauge alow at 70 4- 90 | 1. 01 / | n of t | . - - | | | | | | ┼╾──┼ | | | |
| | | with youde clay at 79.4m, 80. | | JII, 01. | <u> </u> | | | | | | ┼───┤ | | | |
| | <u> </u> | <u> </u> | | | | | | | | | | | -† | |
| | <u>├───</u> ── | 6/ 0 = 65 (m atz voinlate un t | 30% | thin th | | ł | | | | | <u> </u> | | | |
| | | andacitia unit and clicktly f | noken - | <u>ungu un</u> oro | <u> </u> | | | | | | ┼──┼ | | - | |
| | | Erom 78 3 $=$ 82 0 dark dop and | <u>itic po</u> | <u>uce</u> ~ks | | | | | | | ┼╍╍┾ | | 1 | |
| | <u> </u> | <u> 1 - </u> | <u>, , , , , , , , , , , , , , , , , , , </u> | UN 2 8 | | | | İ | | | | | - <u> </u> | |
| 82 | 83.2m | Otz vein: white in color fine- | - medium | highl | , | 148 | 82.0 | 83.2 | 1.2 | 0.036 | 0.14 | | | |
| | VV 1 2 18 | heaken cone with gauge and is | part of | f main | | | | ~~~ | <u></u> | 0.000 | | | | |

| LOCATION | 4: Sout | h Unuk River. B.C. | | D | RILLH | IOLEI | .0 G | | <u></u> | | | HOLE | No. 86-5 | PAGE NO. 4 of 9 |
|----------|------------------|---------------------------------------|------------------------------|--------------------|--------------|------------|-----------|---------|------------|----------------|--|----------|-------------|--|
| AZIM: 2 | 100 | ELEV: 1231m | | | | | | | PROPE | яту: D0 | С | | | |
| OIP: | -80 ⁰ | LENGTH: 187.8m | _ | | DIP | TEST | | | | | | | | <u>, </u> |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAG | E READING | CORRECT | CLAIM | NO: DO | C Claims | 3 | | |
| STARTED: | Augus | t 22, 1986 | | | | | | | SECTIO | אכ: 0+7 | 5SE | | | |
| COMPLETE | :D: Augu | st 27. 1986 | | • | | | 1 | | LOGGI | ED BY: W. | Gewarqi | s | | |
| PURPOSE: | To test | downdip extensions of Massive | L | | | | | | DATE | LOGGED: | August | 24, 198 | 6 | |
| | Sulphid | e in Trench #12. | | <u> </u> | | | | | DRILL | ING CO: | Longyear | , Canad | a | |
| CORE REC | OVERY: 9 | 5% | <u>l</u> | l | | | | | ASSAY | ED BY: A | cme_Lab. | Vancou | ver. B.C. | |
| FOO | TAGE | DESCRIPTION | | | S | AMPLE | FOOT | AGE | | | | ASSA | YS | |
| FROM | то | | | | | NO. | FROM(M) | TO (M) | (M) | ozZt | oz7t | | | |
| | 1 | fault zone, From 79.4 - 83. | 2m_small | specks | of | | | | | | | | | |
| | | | te) scal | tered | | | | | | - | | | | |
| | | throughout this section. | | | | | | | | | | | | |
| 83.2 | 94.6m | Andesite: dark grn with grey | fine gra | ined | | | | | | | | | | |
| | | andesitic ground mass, with | scattere | d, fine | | | | | | | | | | |
| | | stringer of veinlets of epid | <u>otite -</u> | qt.z | | | | | | | | | | |
| | | veinlets at 50° - 80° to cor | e axis w | hich ra | nge 📃 | | | | | | | | | |
| | | from a few mm in size. | | | | | | | | | | | | |
| | | Several sections of distinct n | arrow qt | z veinl | ets | | | | | | | | | |
| <u> </u> | | within the above section mai | <u>nly at:</u> | | | | | | | <u> </u> | | | | |
| | | <u>87.3m – 1 cm wide white qtz ve</u> | <u>in at 75</u> | ^o to co | re | | | | | <u> </u> | | | | |
| | <u> </u> | axis. | | | | | | | | ļ | <u> </u> | | | |
| | <u> </u> | | | | <u> </u> | - | | | | | <u> </u> | | | |
| | | At 87.bm - 2 cm wide white qtz | veinlet | s at 70 | <u> </u> | | [- | | | | | | | |
| <u> </u> | | to core axis. | | | | | | | | | | | | |
| <u> </u> | | From 89.2 - 89.5m light brown | alterati | <u>on with</u> | | | <u> </u> | | | ļ | | | | |
| | <u> </u> | <u>l limonitic, fracture zone at</u> | <u>45° to c</u> | ore_axi | <u>s. </u> | | | <u></u> | | | | | | |
| | <u> </u> | | | + 000 F | | | | | | | | | | |
| | <u>-</u> | At 93.10 - Tew mm while guz ve | inters a | | <u> </u> | | · | | | | ┟┉────┤╸ | | | |
| <u> </u> | | COPE AXIS. | 00.7 | 01 1m | 02 1 | | | | | ╞─── | ┝──┼ | | | |
| <u> </u> | | 022_{m} 02 0 02 2 04 0 | 32.11 | | | | | | <u> </u> - | | | ╾┼╍╌╌┤ | | |
| | <u> </u> | - 92.2m, 92.9 - 93.2m, 94.0 | - 94.211. | | | {- | · | | | | | | | |
| | 07.0- | Alterned Andreiter light trave | fin | ained | | 149 | 94.6 | 95.2 | 0.6 | 300.0 | 0.03 | | <u> </u> | |
| | 1 3/•20 | andesite with at veinlate | <u>inly fr</u> | om 0/ 6 | 0 | 150 | 05 2 | 95.8 | 0.0 | 0 001 | 0 01 | <u> </u> | | ╼┼╼╾╼┥ |
| · | | | ατητή τη | <u>011 34.U</u> | | 151 | 05.9 | 96 / | 0.0 | 0.001 | 0.01 | | <u> </u> | ╾┼╾╾┥ |
| | | <u></u> | | | | 169 | 06 / | 07.2 | 0.0 | 0.002 | 0.02 | | | |
| | | Q6 4 _ Q7 3m bighly fractured | at low o | nge to | - <u>-</u> 8 | <u>+34</u> | 30.4 | 3/.3 | u•ă''''' | _0.001 | 0.03 | | | |
| | | core axis, sections of light | arn, fi | ne orai | ned | | | | | | | | | ╺┼╼╾╸┤ |
| | <u> </u> | andesite intermined with this | <u>. 9111 14</u> e unit - | ainlu f | | | | | | | {- | | | ╺╼┼╼╾╼┥ |
| | L | I <u>angesite threchuxed with thi</u> | S UNIL | ατήτα Γ | | | | | | | | | | |

| LOCATION | South | Unuk River, B.C. | | D | RILL | HOLEI | LOG | | | | | HOLE No. | 86-5 | PAGE NO. 5 of 9 |
|-----------|-----------------------|---|------------------|---------------------|---------------|--------|-------------------------------------|----------|-------------|----------------|---------------|---------------|-----------------|--------------------|
| AZIM: 210 | 0 | ELEV: 1231m | | | Du | דבכד | | | PROPE | RTY: DO | 00 | | | |
| 01P: -80 | 0 | LENGTH: 187.8m | | | | | | _ [| | | | | | |
| <u> </u> | | CORE SIZE: BO | FOOTAGE | READING | COAREC | FOOTAC | SE READIN | GCORRECT | | NO: D() | <u>Claims</u> | | | |
| STARTED: | August 22 | , 1986 | | | _ | | | | SECTIO | 0+7 : 0+7 | <u>'5SE</u> | | | |
| COMPLETE | <mark>≻ August</mark> | 27. 1986 | | | | | | | | DBY: W. | Gewargi | . S | | |
| PURPOSE: | <u>To test</u> | downdip extensions of Massive_ | | | [| | | | | | uqust 20 | 0, 1980 | | |
| | Sulphide | in Irench #12 | | | | | | | | ING CU: | Longyear | <u>Canada</u> | | · |
| CORE RECO | VERY: 95% | | | | <u> </u> | 1 | | | 1 23201 | <u>сова: д</u> | cme Lab. | Vancouv | <u>er. B.C.</u> | |
| FOU | | DESCRIPTION | | | | NO | EROM/M | TOM | LENGTH | Au, | TÂg, ⊺ | | | |
| FROM | 10 | 05.1.00.2. | | | | | 1 | | <u>(M)</u> | <u> oz/t</u> | oz/t | | | |
| ļ | | 95.1 - 90.3m. | | | | | | | | | | | | |
| | | At 94.6m - contact at 23° to c | bre axis. | $\frac{1}{2}$ to co | re | | | · | | | | | | |
| | | At 95.9m I Cm white dtz veinie | | | | | · · · · · · · · · · · · · · · · · · | | | <u> </u> | | | | |
| | | axis. | | | | | <u></u> | | | <u> </u> | - | | | |
| | | From 96 9 - 97.4m very badly b | raken cor | re with | | | | | | | | | | |
| | | gouge throughout this section | Π. | | | | | | ··· · | | <u></u> †·†· | | | |
| | | <u> </u> | | | | | | | | 1 | | | | |
| 97.3 | 126.1m | Andesite: dark grn, fine grain | ed andesi | ite gro | und 8 | 3153 | 99.0 | 99.3 | 0.3 | 0.007 | 0.06 | | | |
| | | mass, with scattered fine ep | <u>idotite v</u> | veinlet | s | | | | | | | | | |
| | | throughout this section at 7 | 5° <u>- 90</u> ° | <u>to cor</u> | e | | | | | | | | | |
| | | <u>axis with some sections of r</u> | <u>ich epido</u> | <u>otite</u> | | | | | | | | | | |
| | | <u>alteration mainly from 108,9</u> | <u>- 109.0</u> | n <u>, 113-</u> | <u>115.9m</u> | | 100.0 | 100.0 | 0 7 | | | | | |
| | | <u>From 102.5 - 103.1m white phen</u> | ocrysts, | | | 3154 | 100.2 | 100.9 | 0.7 | 0.018 | 0.09 | | | |
| | | porphyritic texture. | | | | | · | L | | <u> </u> | <u> </u> }- | | | |
| | | Sections of light brown limoni | tic alter | ration | with | | | | | | | | | |
| | | pyrite mineralization inters | <u>ected thi</u> | <u>is unit</u> | | | | | | | | | | |
| | | mainly from 99.0 - 99.3m, an | d 100.2 - | - 100.9 | m | | | | | <u> </u> | | | | |
| | | | | | | | | | | <u> </u> | | | | |
| | | Sections of broken core from 1 | 01.3 - 10 | D1.6m,_ | | | | | | | | | | |
| | | 107.3 - 107.9m and 112.6 - 1 | 12.8m. | | | | | | | | | | | |
| - <u></u> | <u> </u> | Ecom 116 7 - 117 6m light ary | silicifi | ed ande | site | 8155 | 116.7 | 117.6 | 0.9 | 0 003 | 0.01 | | | |
| | | with scattered fine-orained | pyrite m | inerali | za- | | | | | | 0.01 | | | |
| | | tion throughout this section | with whi | ite gtz | | | | | | | | | | |
| | | veinlets and patches of qtz. | The ve | inlets | are | | | | | | | | | |
| | | at 10 ⁰ to core axis. Pyrite | 5-10%. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| LOCATION: SOI | ith Unuk River, B.C. | | D | RILL H | OLEL | OG | | | | | HOLE | 86-5 | i |
|-----------------------|----------------------------|--------------------------|------------------|----------|----------|----------|----------|----------|----------|----------|--------------|----------|------------|
| AZIM: 2100 | ELEV: 1231m | | | | | | | PROPE | ATY: 00 | С | | | |
| DIP: _80 ⁰ | LENGTH: 187.8m | | | DIP | TEST | | | | | | | | |
| | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAG | READING | CORRECT | CLAIM | NO: D0 | C Claims | | | |
| STARTED: AUG | st 22, 1986 | | | | | | | SECTIO | IN: ()+ | 75SE | | | |
| COMPLETED: A | gust 27, 1986 | | 1 | | | | 1 | LOGGE | Day: W | Geward | nis | | |
| PURPOSE: TO | test downdip extensions of | Massive | | | | 1 | | DATEL | OGGED: | August 2 | 26, 198 | 6 | |
| Sul | phide in Trench #12 | | | | | 1 | | DRILL | NG CO: L | ongyear | Canada | | |
| CORE RECOVERY | 95% | | | | | | | YAZZA | ED BY: A | cme Lab. | Vanco | uver. B | .C. |
| FOOTAGE | | | | S/ | MPLE | FOOT | AGE | LENCTU | | | ASS | AYS | |
| FROM | | | | ļ | NO. [| FROM (M) | TO (M) | (M) | oz/t | oz/t | | | |
| | From 117.6 - 123.7m | light grn to gry | color | | | | | | | | | | |
| | andesite with scat | tered fine graine | d pyrite | | | | | | | | | | |
| | | s than 2%. | | | | | · | | | | | | |
| | At 122m1 cm wide | <u>qtz veinlets with</u> | pyrite | - | | | | | | | | | |
| | hematite and limon | itic alteration a | t 35° t | , | | | | | | | | | |
| | core axis. | | | | | | | | | | | | |
| | From 122.4 - 122.7m | light brown, alte | ration w | ith 8 | 156 | 121.9 | 122.3 | 0,4 | 0.002 | 0.01 | | | |
| | fine pyrite minera | lization. | | | | | | | | | | | |
| | From 124.15 - 124.25 | <u>qtz veinlets whi</u> | te (pato | ches) | | | | | | | | | |
| | with specks of pyr | ite. | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | <u>From 124.5 - 124.8m</u> | <u>qtz veinlets whit</u> | <u>e in co</u> l | or | | [| | | | | | | |
| | (patches) with spe | <u>cks of pyrite and</u> | epidoti | te. | | | | | | | | | |
| | ····· | | | | | | | | | | | | |
| 126.1 139 | .6m Porphyritic andesite | : <u>light grn with</u> | <u>dark g</u> | <u>n</u> | | | | | <u> </u> | | | | |
| | white phenocrysts | <u>scattered</u> througo | <u>ut this</u> | | | | | | | _ | | | |
| | | nit is intermixed | With | <u></u> | | | | | | <u></u> | | | |
| | andesitic sections | • | | | | | <u> </u> | | | | | | |
| | Scattered gtz veinle | <u>ts - epidotite ve</u> | <u>inlets</u> | | ~ | | ł | | | | | | |
| | | ction. | <u></u> | <u>{</u> | <u> </u> | | | | | | | | |
| | At 130.0m ~ 5 Cm W1d | e qtz veinlets wi | en Light | <u> </u> | | | | | | | ŀ | | |
| | prown_alteration. | <u>louge at 35° to c</u> | ore <u>axi</u> s | · | | | | | | —— | | | |
| | Enon 124 0 33.24 0- | action of bard | | <u> </u> | | [- | | | | } | <u>}</u> | | |
| · | <u> </u> | <u>section of proken</u> | core. | | | | | ł | · - | | | | |
| ······ | From 139.1 - 139.3m | broken core with | 00000 | | | | | | | | | <u> </u> | |
| | possible fault zone. | | | ! | | | | <u> </u> | | | | ł | . <u> </u> |
| | | <u> </u> | | | | | | | | | | | |
| 139.6 140 | .Om Otz vein with gouge. | light brown oxid | ized | 8 | 157 | 139.3 | 139.6 | 0.3 | 0.001 | 0 01 | + | | |
| | alteration and the | of pupita com | 10 at 13 | | 158 | 120 6 | 140.0 | 0/ | 0.001 | 0.00 | } | | |
| | | <u>ee vi pyrites dou</u> | <u>ης αι Ι</u> ί | 3.3. 0 | 100 | 102.0 | 140.0 | U.4 | 0.0131 | U_UX_1_ | | | |

| LOCATION | : South U | nuk River, B.C. | | _ | | | | • | · · · · | | | HOLE No. | | PAGE NO. |
|-----------|--------------------|--|-----------------|---------|----------|--------------|------------|----------|----------|-------------------|-----------------|-----------|---------------|------------|
| | | | | D | RILLH | IOLEI | LOG | | | | | | 86-5 | 7 of 9 |
| AZIM: 21 | 00 | ELEV: 1231m | | | | ··· | | | 780 | PERTY: DO | C | | | |
| DIP: _80 | 0 | LENGTH: 187.8m | | | DIP | TEST | | | | | | | | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAC | E READIN | G CORREC | T CLA | IM NO: D | OC Claim | S | | |
| STARTED: | August 2 | 2. 1986 | | | | I | | | SECT | א ט: | 75 <u>SE</u> | | | |
| COMPLETE | D: August | 27, 1986 | | | | | | | | GED BY: W. | <u>Gewarqi</u> | <u>s</u> | | |
| PURPOSE: | . <u>lest do</u> w | ndip extensions of Massive | | | | | | | DAT | E LOGGED: | August 2 | 6, 1986 | | |
| | Sulphide | in Trench #12. | | | | <u> </u> | | | | LING CO: | Longyear | Canada | | |
| CORE RECO | OVERY: 95% | | | |] | <u> </u> | | <u> </u> | ASSA | YED BY: A | <u>cme Lab,</u> | Vancouver | <u>. B.C.</u> | |
| F00 | TAGE | DESCRIPTION | I | | 5. | AMPLE | FOO | TAGE | LENGT | н | , | ASSAYS | | |
| FROM | TO | | | | | NO. | FROMM | TO(M) | (M) | oz7t | oz7t | | | |
| | ، <u>ا</u> | Contact at 139.6 at 45° to c | ore axis | • | 8 | 159 | 140.0 | 141.8 | 1.8 | 0.001 | 0.01 | | | |
| | ļ | | | | 8 | 160 | 141.8 | 142.2 | 0.04 | 0.001 | 0.01 | | | |
| | | | | | 8 | 161 | 142.2 | 142.8 | 0.6 | 0.001 | 0.01 | | | |
| 140 | 141.8m | Andesite: gry to grn in color, | fine gra | ained w | ith | | | | <u> </u> | | <u> </u> | | | |
| | | <u>scattered epidotite, qtz vei</u> | nlets and | d trace | of | | | | | | | | | |
| | | pyrite. | | | | | | | ļ | | | | | |
| | ļ | | | | | | | | ļ | | | | | |
| 141.8 | <u>142.2m</u> | <u> Qtz vein: light qry, fine grai</u> | ned with | dissem | inated | | | İ | | | | | | |
| | ļ | <u>pyrite mineralization and go</u> | <u>uqe_at_l</u> | 41.8 an | d | | <u> </u> | | | | | | | |
| | | <u>142.2m. Contact at 142.2m -</u> | 45° to | core ax | is. | | | | L | | | | | |
| . 142.2 | <u>160.5m</u> | Andesite: light grn-gry, fine- | grained | with | | | | | [| | | | | |
| | | <u>porphyritic texture.</u> Broken | core an | d gouge | | | | | | | | | _ | |
| | | <u>mainly from 142.1 - 143.4m,</u> | <u>qouge</u> at | 142.7m | <u> </u> | | | | | | <u> </u> - | | | _ <u>_</u> |
| | | and 143.4m. | | | | | | | | | | | | |
| l | | <u>From 144.8 - 150.7m intermixed</u> | section | of dar | <u> </u> | | <u> </u> | | [| | | | | |
| | | <u> grn gry andesite within th</u> | e porphy | ritic | | | | | | · · | | | | |
| | | andesite | | | | | - | | | | | | <u> </u> | |
| <u>├</u> | <u> </u> | Prokon cone with clightly from | tuped ce | ction | | | | | | | | | | _ <u>_</u> |
| - | | moinly from 167 1 168 km | | 160 8m | | | | | | · · · · · · · · | | | _ | |
| ļ | | $\frac{140.40}{100} + \frac{140.40}{100} + 14$ | 150 /m | 179.00 | | | | | | | | | | |
| | | Broken core and gouge from 152 | -150.40 | .2m wit | h l | { | | - | | | | | | |
| | | apurgo at 153 2 153 3m 157 | - 157 6 | m 158 | 8_ | | | | | | | | | |
| | <u> </u> | 158.9m, 159.2 - 159.3m with | | | <u> </u> | | | | | | | | | |
| | | Small sections of dark orn alt | eration | at 350 | to | | | | | | | | | |
| | 1 | core axis from 156.3 - 156.3 | Sm, 158.9 | - 159. | 3m. | | | | | | | | | |
| | | | | | <u>(</u> | | | | | 1 | | | | |
| 160.5 | 163.1m | Granitic dike: pinkish in colo | or, fine | grain, | 8 | 162 | 160.1 | 160.5 | 0.4 | 0.001 | 0.01 | | | |
| | | with any specks of limonitic | alterati | оп. | 8 | 163 | 160.5 | 161.7 | 1.2 | 0.001 | 0.02 | | | |
| | | porphyritic texture with spec | ks of py | rite - | 8 | 164 | 161.7 | 162.4 | 0.7 | 0.007 | 0.04 | | | |
| LOCATION: | <u>South</u> l | Jnuk River, B.C. | | n | | | 00 | | | | | HOLEN | 86-5 | PAGE NO. |
|-----------|----------------|--------------------------------|------------------------------------|----------------|---------|--------------|----------|----------|---------|--------------------|---------------------------|-----------------------|-----------|----------|
| | | 1221 m | | U U | NILL I | | ρα | | | D | DC | L | | 10 01 3 |
| AZIM: 210 | | ELEV: 1231 | | | DIP | TEST | | | PROPE | | | | | |
| DIP: -80 |) - | | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | | | Claime | | | |
| | August 2' | 2 1086 | | | | | | | SECTIO | N: 0. | 7505 | | | |
| STARTED: | August 2 | 27 1086 | · · | | | | | <u> </u> | LOGGE | <u></u> D.8Y: ы | <u>1936</u> | | | |
| CUMPLETEL | <u>August</u> | 27, 1900 | | | | | <u> </u> | | DATE | 06650: | <u>. uewarg</u> August | <u>15</u> 26. 1986 | <u> </u> | |
| PURPUSE: | <u>no test</u> | to Teach #12 | · | | | | + | 1 | DRILLI | NG CO: | nuquise_ | Canada | | |
| CORE RECO | VERY: 95 | <u>%</u> | | | | 1 | 1 | 1 | ASSAY | ED BY: A | cme Lab. | Vancouv | ver. B.C. | |
| E001 | TAGE | | | | s | AMPLE | FOOT | AGE | | | | ASSAY | rs | |
| EROM | то | DESCRIPTION | | | ļ | ΝΟ. | FROMM | TO(M) | (LENGIR | Au oz/t | oz7t | | | |
| | | hematite throughout this sec | tion. | | | 3165 | 162.4 | 163.1 | 0.7 | 0.001 | 0.01 | | | |
| | <u>├</u> | Limonitic alteration rangein | g in col | or from | n 8 | 3166 | 163.1 | 163.5 | 0.4 | 0.001 | 0.01 | | | |
| | | light brown to dark brown to | reddist | 1. | | | | | | | | | | |
| | | From 162.1 - 163.1m light - da | rk brown | n, mediu | 140 | | | | | | | | | |
| | | grained andesite, with limor | itic alt | eration | n, | | | | | _ | | | | |
| | | with small section of qtz ve | in. | | | | | | | | | | | |
| 163.1 | 181.7m | Andesite: dark grn andesite, | fine-mec | tium gra | ained. | | | | | | | | | |
| | | Slightly fractured and broke | ightly fractured and broken core m | | | | | | | | | | | |
| | | 165.8 - 166.1m, 168 - 168.3m | | | | | | | | | | | | |
| | | From 168.2 - 168.6m light brow | in altera | ation | | 3167 | 168.3 | 168.6 | 0.3 | 0.001 | 0.01 | | | |
| | | zone. slightly fractured. | | | | | | | | | L | | | |
| | | | | | | | | | | | | | | |
| | | From 1/2.3 - 173.4m small qtz | veinlet | white : | 10 | | | | | | | | | |
| | | color. | | | | | | | | | | | | |
| | | [| lterate | brown | | 216.9 | 176 5 | 176 9 | 0.4 | <u>-0 006</u> | <u> </u> | | | |
| | | From 175.7 ~ 175.0m slightly o | torial | 1 51 6411 | | 0100 | 170.0 | 170.0 | 0.4 | 0.001 | 0.04 | | | |
| | | $\frac{1}{12}$ | altered - | - | | <u>8170</u> | 177.7 | 178.3 | 0.0 | 0.001 | | | | |
| | | silicified andesite with ot: | -limoni | te. tra | ce | 3171 | 178 3 | 178 0 | 0.6 | 0.002 | 0.01 | | | |
| | | of pyrite mainly from 176.5 | - 176.9 | m. Lia | ht | <u>,,,,,</u> | 1/0.5 | _1/0.3 | 0.0 | 0.002 | 0.01 | | | |
| · | | brown in color, altered mate | erial wit | th limo | nite | | | | | | | | | |
| | - | and pyrite. | | | | | | | | | | | | |
| | ······ | | · | | | | | | | · | | | | |
| | | From 178.9 - 180.3m silicified | l andesi | te with | qtz | | | | | | | | | |
| | | veinlets throughout this see | tion ma | inly fr | om l | | | | | | | | | |
| | | 178.9 - 179.3m and gtz vein | lets at ! | 55° to | core | | | | | | | | | |
| | | axis. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | From 180.3 - 181.7m silicifie | d andesi | <u>te with</u> | qtz | 8172 | 180.9 | 181.7 | 0.0 | 0.013 | 0.05 | | | |
| | | veinlets and light brown alt | eration | mainly | | | | | | | | l_ | | |

| LOCATION | South Ur | uk River, B.C. | | D | RILL | HOLE | LOG | | | | | HOL | E No. 86- | 5 | PAGE NO. 9 of 9 |
|-----------|------------------|--|-----------------|---------------|-----------|--------|-----------|---------------|-------------|-------------------|--------------|----------------|---------------------|----------|--|
| AZIM: 21 | 0 ⁰ | ELEV: 1231m | | | ות | PTEST | | | PROPE | RTY: DOC | | | | | |
| DIP: -80 | · · · | LENGTH: 187.8m | [| | 1 | | | | | | | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORREC | FOOTA | SE READIN | G CORREC | | NO: DO | C Clai | n s | | · | |
| STARTED: | August 2 | 2, 1986 | <u> </u> | | | | | | SECTIO | >N: 0+7 | 5SE | | | | |
| COMPLETE | D: August | 27, 1986 | | <u> </u> | [<u></u> | | | _ | | DBY: W. | Gewar | <u>qiş</u> | | | |
| PURPOSE: | <u>To test d</u> | lowndip extensions of Massive | ļ | [| · | | _ | | | LOGGED: | August | 27, 19 | 86 | | |
| | Sulphide | in Trench #12. | | <u> </u> | | | | | DRILL | | ongyea | <u>r Canad</u> | a | | |
| CORE RECO | VERY: 9 | 15% | | L | l <u></u> | | | | ASSAY | ED BY: Ac | me Lab | . Vanco | <u>uver. B</u> | .C | |
| F001 | TAGE | DESCRIPTION | | | | SAMPLE | F00 | TAGE | LENGTH | -Au. | . <u>Ag.</u> | AS: | | <u>r</u> | |
| FROM | <u> </u> | | | | | NO. | FROM | <u>1 1940</u> | <u>(M)</u> | oz/t | ozīt | | ļ | | |
| | , | from 180.3 - 180.7m, 181.1 - | 181.7m. | | | | | | | <u> </u> | <u> </u> | | | ļ | |
| | | | | | [| | | | | <u> </u> | | <u> </u> | ļ | ļ | |
| 181.7 | 182 . 8m | Qtz vein - mineralized zone: 1 | white wi | th grey | | | | | | l | | ļ | | ļ | |
| | | brown alterated limonite wit | h trace | of pyri | te. / | 3173 . | 181.7 | 182.4 | 0.7 | 0.010 | 0.03 | 1 | - | ļ | |
| | | <u>From 181.7 - 182.4m light - da</u> | <u>rk_brown</u> | <u>qrnish</u> | | 3174 | 182.4 | 182.8 | 0.4 | 0.017 | 0.5 | 0.024 | oz/t | | |
| | | altered andesite with limoni | te, slig | htly | | 3175 | 182.8 | 183.8 | 1.0 | 0.037 | 0.10- | 0.067 | <u>Aq over</u> | 2.1m | |
| | [| fractured and broken core wi | th gouge | , clay | mainly | 3176 | 183.8 | 184.3 | 0.5 | 0.010 | 0.03 | | | <u> </u> | |
| | | from 181.7 - 181.9m with gou | je. | | | 3177 | -186.3 | 186.8 | 0.5 | 0.005 | 0.0 | | | <u> </u> | |
| | | 182.4 - 182.8m white - brown a | lt. qtz | veinlet | s | | | <u> </u> | | | | | | | |
| | | with trace of pyrite. | <u> </u> | | | | | ļ | | · | | <u> </u> | | | |
| 182.8 | 187.8m | Andesite: Light grn, silicifi | ed with | section | of | | | <u> </u> | | l | ! | [| <u> </u> | Į | |
| | | altered brown with limonite | and qtz | veinlet | <u>s</u> | | | | | | | [| | ļ | |
| | | mainly from 182.8 - 184.7m a | nd 186.3 | - 186 | 8m | | | ļ | | | | | <u> </u> | | |
| | | with 1 cm wide qtz vein at p | arallel | axis to | | | | l | | | | ļ | | ļ | -┦────┥ |
| | | core axis. | | | { | | | ļ | | | | ļ | ļ | | ∔ |
| | | | | | | | | <u> </u> | | <u> </u> | ļ | | <u> </u> | | <u> </u> |
| | | End of Hole at 187.8m | | | | | | | . | · | | | | <u> </u> | |
| | | <u> </u> | | | | | | <u> </u> | | | <u> </u> | <u> </u> | | | - |
| <u> </u> | | · · · · · · · · · · · · · · · · · · · | | | [| | | <u> </u> | | <u> </u> | | | | | |
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| | | , <u>.</u> | | | | | | | | | | - | | | |
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| | | -Gewargis Geological Consu | lting Inc |
|-------------|-----------------------------------|--|---|
| | | | DDH NO. 86-6 |
| DIAMOND DRI | LL RECORD | | Page I / _ 1 |
| LOCATION | South U | nuk River, B.C. "DOC | Property" |
| COLLAR | Northing | <u>0+90NW</u> | REMARKS Core recovery 93% |
| | Easting Elevation | 1234m | From 65.6 - 68.6m solid qtz vein, mineralized zone, 100% |
| DRILLED | Azimuth Dip | <u>215⁰</u> -60 ⁰ | recovery with brownish alteration, with disseminated |
| | Depth | _74.1m | to massive pyrite, |
| Da Mo'Yr | Started Completed Logged | <u>August 29, 1986</u> <u>August 31, 19</u> 86 <u>August 30, 19</u> 86 | |
| EQUIPMENT | Machine Core Size Dip Tests | Longyear Super 38 BQ | |
| PURPOSE | To test | the mineralization | occuring in Trench #23 at depth. |
| RESULTS | Mineral 5.54 or | Lized zone from 65.6 z/ton Ag | - 68.1m assayed 1.473 oz/ton Au, |
| GEOLOGIST | W. Gewa | argis Do | Mo'Yr |

| LOCATI | on: South | Unuk River, B.C. | | D | RJLL | HOLE L |)G | | | | | HOL | .E No. 8 | 6-6 | PAGE NO. 1 of 4 |
|---------|--------------------------|-------------------------------------|-----------------|--------------------|-------------|---------|---------|----------|------------|-------------------|-----------------|----------------|-------------|--|--------------------|
| AZIM: | 215 ⁰ | ELEV: 1234m | | | n | PTET | | | PROPE | RTY: DO |)C | | | | |
| DIP: | <u>-60°</u> | LENGTH: 74.1m | | | | | | | 1 | | 0.01 | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORREC | FOOTAGE | READING | CORRECT | CLAIM | NO: UC | JU Claims | s | | | |
| STARTE | D: August | 29, 1986 | | <u> </u> | | | | | SECTIO | אי: 1+ | <u>-00NW</u> | | | | |
| COMPLE | TED: Augu | st 31, 1986 | | | | | | | LOGGE | Day: N | i. Geward | qis | | | |
| PURPOS | ⊑: To <u>t</u> es | t_Trench_#23 | · · · · · | | | | | | DATE | OGGED: | August | 30.19 | 186 | | |
| ļ | | 0.00 | | | | | | | DRILLI | NG CO: | Longyeau | r Canad | а | ; | |
| CORE RE | ECOVERY: | 93% | [] | | [| <u></u> | Ĺ | <u>í</u> | ASSAY | ED 8Y: | <u>Acme Lat</u> | <u>), Vanc</u> | ovuer. | <u>8.C.</u> | |
| FC | DOTAGE | DESCRIPTION | | | 1 | SAMPLE | FOOT | AGE | LENGTH | | | AS: | SAYS | | _ |
| FROM | то | | | | | NO. | FROM | TO(M) | <u>(M)</u> | <u> oz7t</u> | ož7t | L | <u> </u> | | |
| 0 | 0.6m | Casing. No core recovered | | | | | | | | | | | <u> </u> | | |
| | | | | | | | | | · | l | 1 | Ĺ | 1 | ļ | |
| 0.6 | 62 . 4m | Andesite: dark grn, fine grain | ed, broke | en core | | | | | | <u> </u> | | | | | |
| | | and possible shear zone main | ly from (| 0.6 - 2. | .7m, | | | | | | | | | ļ | |
| | | <u>6.2 - 6.5m, 10.0 - 10.2m, 11</u> | 0 - 11.2 | 2m <u>, 1</u> 2.2 | 2_ | | |] | ····· | |] | | 1 | <u> </u> | |
| | | 12.8m, 13.3 - 14.4m a shear | one with | <u>1 cavin</u> | at . | | | | | | 1 | | 1 | <u> </u> | |
| | | 14.2m. At 4.5m qtz veinlets | <u>at 60° 1</u> | to core | | | | | | | | | | | |
| | | axis. | | | | | | | | | | | | | |
| | | From 15.6 - 16.3m. 16.6 - 17.9 | 1. 18.4 - | - 19.Om | | | | | | | | | | | |
| | | scattered white narrow gtz v | inlets. | | | | · | | | _ | | | |] | |
| | | | | | | | | | | | | | | | |
| | | At 11.6m - 1/2 cm wide gtz vei | lets at | 65 ⁰ to | | | | | | | | | | | |
| | | core axis. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | } | <u> </u> | |
| | | 12.8 - 13.0m gtz veinlets up to |) few mm | <u>in w</u> idt | :h. | | | | | | | | | | |
| | | At 13.3m narrow gtz veinlet. | | | | | | | | | | | <u> </u> | | |
| | | From 14.4 - 14.8m scattered nam | row gtz | veinlet | <u>s in</u> | | | | | | | | <u>[</u> | ļ | |
| | | light grn_andesite with dark | grn chlo | orite - | | | | | | | <u> </u> | | İ | <u> </u> | <u> </u> |
| | | limonitic alteration | - | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 1 | |
| | | From 17.9 - 18.4m gtz veinlets | througho | out this | unit | | T | | 7 | | | | | L | |
| | | at 75° to core axis | | | | | | | | | | | | | |
| | | Broken core from 19.5 - 20.1m. | aouae - | clay fr | on | | | | | | | | | | |
| | | 21.5 - 21.6m. | | | | | | | | | | | | | |
| | | Broken core 21.6 - 21.8m. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | From 22.1 - 26.4m possible shea | ir zone w | ith 0.6 | óm | | | | | | | | | | |
| | | of core missing from 25.3 - 2 | 6.2m (cc | ore ples | ses | | | | | | | | | | |
| | | up in few centimeters in size | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | 1 1 |

| LOCATION | : South | Unuk River, B.C. | | D | RILL H | OLEL | OG | | PROPE | | 100 | HOLE No. | 86-6 | PAGE NO. 2 of 4 |
|-----------|--|--------------------------------------|-----------------|----------|--------------------|----------|--------------|---------|--------------|-------------|-----------------|------------------|------------------|--------------------|
| DIP: | -600 | LENGTH: 74_1 | | | DIP | TEST | | | | | | | <u> </u> | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | CLAIM | NO: DO | Claim | | | |
| STARTED: | August | 24, 1986 | | | | | | | SECTIO | אי: 1+(| WNOC | | | |
| COMPLETE | o: Augu | ist 31, 1986 | | | | | | | LOGGE | D 6Y: | . Geward | gis | | |
| PURPOSE: | <u>To test</u> | : Trench #23 | | | | | | | DATE | LOGGED: | August | 30, 1985 | | |
| | | | | | | <u> </u> | <u> </u> | | | ING CO: | Longyear | <u>Canada</u> | | <u></u> |
| CORE RECO | DVERY: 93 | ia 1 | L | L | l | Ĺ | | | ASSAY | ED 8Y: | <u>Acme Lab</u> | <u>, Vancouv</u> | <u>er, B.C</u> . | <u>•</u> |
| FOO | | DESCRIPTION | 1 | | S | | FOOT | AGE | LENGTH | Au. | T ÂG, L | | | <u> </u> |
| FROM | | Enon 27 1 30 3m shear zone | | | | <u></u> | FRUM (M | , O(M) | (<u>M.)</u> | <u>oz/t</u> | ozyt | | | |
| | + | From 20.2 21.7p good oppo | | • | | 0170 | 20 / | 31 0 | 1 / | 0 001 | 0.07 | | | |
| | | From 30.3 ~ 31.7# 4000 core | | | | 01/0 | | - 31.0 | 1.4 | 0.001 | | | | |
| } | | For in cizo | WILL SU | le sect. | IONS | | | | | <u> </u> | 1 | | -+ | |
| | | | | | <u> </u> | | | | | <u> </u> | <u> </u> | | | |
| | | From 35.7 - 36.4m, 37.3 - 38. | 3m light | dark gi | n l | | | | | | | | | |
| | [| alteration, from 26.6 to 27 | .4m folia | ation at | t 35 | | - | | | | | | | |
| | | to core axis | | | | | | | | | | | | |
| | | | | | | | | | | | I | | | |
| ļ | <u> </u> | <u>From 30.4 - 31.0m qtz veinlet</u> | s_with li | ight bro | อพก 👘 | | | | | ļ | <u> </u> | | | |
| | <u> </u> | <u>alteration with andesite, q</u> | <u>tz veinl</u> | et - 1/2 | 2 cm | | | | | | <u> </u> | | | |
| | | wide_at_70° - 85° to core_a | xis. | | | | | { | | | + | | | |
| | | Erom 31.1 - 31.5 at 870 to co | | | | | | | | | | | | <u> </u> |
| | | | | | | | <u> </u> | | | ļ | ┼───┼ | <u>}</u> | | |
| | | From 36.5 - 36.7m minor fold | structure | e within | n | | _ | | | | | | | |
| - | | the dark grn andesite. | | | <u> </u> | | | | | | | | | |
| | | From 37.3 - 38.8m broken core | , 39.3 - | 44.2m | | | | | | | | | _ | |
| | | From 39.3 - 40.6m and 41.3 to | 43.1 sh | ear zon | e | | | | | | | | | |
| | | Broken core from 50.3 - 50.6m | 51.4 - | 52.1m, | | | | | | | | | _ | |
| ļ | | <u>53.1 - 53.8m, 55.2 - 57.2m.</u> | 57.5 - 9 | 58.9m, | | | | | | | l | | | |
| | | <u>59.5 - 59.7m and 60.2 - 60.</u> | 8m . | | | | | | | | ļ | | | <u> </u> |
| | | Ener 51 6 51 8m ovidized to | 00 0000 | | atio | 0170 | 51 6 | 51 0 | 03 | 0 002 | 0.05 | | | <u> </u> |
| | | From 51.0 - 51.0m dx1012ed 20 | ugo and | aiter | | 01/9 | 51.0 | - 51.5 | 0.3 | 0.002 | | | <u>-</u> | |
| | | - 58 4m possible fault zona | 50 6 | 50 7m / | 00.0 | { | <u> </u> | | | | ├ | | | |
| | ├─── ┤ | - JO.4W DUSSIDIE FAULT ZONE | , | JJ.7 II | <u>youyp.</u> 1 | | | | | | | | | |
| | | At 60.8m possible fault from | 60.2 - 60 | 0.8m at | 500 | | | | | | | | | |
| | | to core axis. | | | | | | | | | | | | |
| | | From 61.3 - 61.4m light brown | alterat | ion (li | monitic) | | | | | | | | | |

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| LOCATION: | South | Unuk River, B.C. | | D | RILL | HOLEL | OG | | | | | HOL | e No. 86-6 | | PAGE NO. 3 of 4 |
|-----------|------------------|--|----------------------|--|--------|---------|----------|---------|--------|----------------|----------------|------------|----------------------|---|--------------------|
| AZIM: | 215° | ELEV: 1234m | | | | | | | PROPE | ат у: D | 00C | | | | |
| DIP: | -60 ⁰ | LENGTH: 74.1m | | | 01 | PTEST | <u> </u> | | | | | | | | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORREC | FOOTAGE | READING | CORRECT | CLAIM | NO: DOC | Claim | | | | |
| STARTED: | Auqust | 29, 1986 | | | | | | | SECTIO | אי: 1+0 | ONW | | | | |
| COMPLETE | : August | 31, 1986 | | | | | | | LOGGE | 08Y: W | . Gewar | <u>qis</u> | | | |
| PURPOSE: | <u>To test</u> | Trench #23 | | | | | | | DATEL | .OGGED: | August | 31, 19 | 86 | | |
| | | | | | | | | | DRILLI | NG CO: L | ongyear | Canada | 1 | | |
| CORE RECO | VERY: 93 | % | | <u>. </u> | | | i | | ASSAY | ED BY: AC | <u>me Lab.</u> | Vancou | <u>iver. 8.(</u> | C | |
| F001 | TAGE | DESCRIPTION | l | | | SAMPLE | FOOT | AGE | LENGTH | | | ASS | SAYS | | |
| FROM | то | | | | | NO. | FROM | то | | | | | | | |
| 62.4 | 63.7m | Silicified andesite: qtz veinl | ets, lig | ht grn, | | 8180 | 62.3 | 63.2 | 0.9 | 0.019 | 0.11 | | | | |
| | | fine to medium with slightly | fractur | ed qtz | | 8181 | 63.2 | 63.7 | 0.5 | 0.425 | 1.20 | | | | |
| | | veinlets from 63.2 - 63.7m, | light br | own, li | mon- | 8182 | 63.7 | 65.2 | 1.5 | 0.008 | 0.02 | | | | |
| | | itic alteration, with pyrite | mineral | <u>ization</u> | | 8183 | 65.2 | 65.6 | 0.4 | 0.009 | 0,01 | | | | |
| | | | | | | 8184 | 65.6 | 66.0 | 0.4 | 7.010 | 25.80 | h | | | |
| 63.7 | 65.6m | Andesite: light grn andesite g | round ma | ss, fin | e | 8185 | 66.0 | 66.3 | 0.3 | 1.060 | 3.90 | | | | |
| | | grained with small gtz veinl | <u>ets main</u> | ly at 6 | 4.4. | 8186 | 66.3 | 66.9 | 0.6 | 0.556 | 2.55 | 1.473 | oz/t Au | | |
| | | 54.8m. Broken core througho | <u>ut this</u> | section | | 8187 | 66.9 | 67.6 | 0.7 | 0.235 | 0.87 | 5.54 c | z/t Aq | | |
| | | mainly from 63.8 - 64.8m. | | | | 8188 | 67.6 | 68.1 | 0.5 | 0.127 | 0.47 | over 2 | .5m | | |
| | | | | | | 8189 | 68.1 | 68.6 | 0.5 | 0.045 | 0.17 | | | | |
| 65.6 | 68.6m | <u> Qtz vein mineralized zone: mas</u> | <u>șive qtz</u> | vein, | 100% | 8190 | 68.6 | 69.3 | 0.7 | 0.006 | 0.07 | | | | |
| | | recovery, fine grained with | brownish | altera | tion | | | | | | | | | | |
| | | Section of disseminated to m | assive p | vrite, | | | | | | · | | | - | | |
| | | specularite. | | | | | | | | | | | | | |
| | | From 65.6 - 66m light grey-bro | <u>wn gtz w</u> | ith | | | | | | | | | | | |
| | | <u>massive pyrite.</u> | | | | | | | | | | | | | |
| | | From 66.3 - 67m light brown-gr | ey with | dissemi | nated | | | | | | | | | | ┼──┤ |
| | | pyrite. | · · · | | | | | | | · | | | | | |
| | | | | | | | | | | | | | | | |
| ····· | | From 67.5 - 67.8m stringer of | specular | ite. | | | | | · | _ | | | | | 1 |
| | | From 67.9 - 68.6m light brown- | greyish | with go | uqe | | | · | | | | | | | |
| | | and disseminated pyrite. | <u> </u> | | | | | | | | | | | | |
| | | At 65.6m - contact at 85° to c | ore axis | | | | | | | | | | | | |
| | | At 66.9m - fracture angle at 3 | 5 ⁰ to co | re axis | | | | | | | | | | | |
| | | At 68.6m - fracture angle at 2 | 5 ⁰ to co | re axis | . | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 68.6 | 74.1m | Andesite: dark grn – fine grai | ned, and | esite | | | | | | | | | | | |
| | | ground mass with scattered n | arrow qt | z-epido | tite | | | | | | | | | | |
| | | veinlets at 70° - 85° to cor | e axis. | | | | | | | | | | | | |

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| LOCATION | South | Unuk River, B.C. | | D | RILL H | OLE L | OG | <u></u> | | | | HOL | E No. 86-1 | 6 | PAGE NO. 4 of 4 |
|-----------|--------------|---------------------------------------|------------------|----------|----------|---------|----------|-----------|--------|---------------------------------------|---------------------------------------|-----------------|----------------------|-------------|--------------------|
| AZIM: 21 | 50 | ELEV: 1234m | | | | | | | PROPER | RTY: DO | C | | | | |
| DIP: -6 | 500 | LENGTH: 74.1m | | ··-·· | UIP | 1621 | ····· | | | | | | - | | |
| <u> </u> | | | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | | NO: DO | <u>C Claim</u> | | | | |
| STARTED: | Auqust | 29, 1986 | | | | | <u> </u> | | SECTIO | N: 1+0 | | • | | | |
| COMPLETE | o: Augu | <u>st 31, 1986</u> | | | l | | Ļ | | LOGGE | D8Y: W | . Lewarg | 115 | | <u> </u> | |
| PURPOSE: | <u> </u> | <u>t_Irench_#23</u> | | | i | ļ | ļ | | DATEL | 06650: | <u>August</u> | 31. 19 | 86 | | |
| | | | | | | | | · · · · · | DAILLI | NG CO: | Longyear | Canada | a | | |
| CORE RECO | VERY: 93 | % | | | | | <u></u> | <u> </u> | ASSAYI | ED BY: | <u>Acme La</u> | <u>ib. Vang</u> | couver, | <u>B.C.</u> | |
| F001 | | DESCRIPTIO | N | | SA SA | MPLE | FOOT | AGE | LENGTH | ļ | | AS: | | | · |
| FROM | 10 | | | | | NO. | FROM | | | <u> </u> | | <u> </u> | | | |
| | | <u>Good core throughout this inte</u> | rval exce | pt smal | 1 | | | | | 1 | | | | + | |
| | | <u>section mainly from 69.1 - 6</u> | <u>9.3m with</u> | qouqe | | | | { | | ļ | <u> </u> | | | | |
| | | and at 70.6m cave. | | | | · · - | | | | | | <u> </u> | | | |
| | | End of Hole at 74.1m. | | | | | | | | | | <u> </u> | | | |
| - | | | | | | | | | | | | <u> </u> | | | |
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|-----------------------|-----------------------------------|---|---------------------------------|--|
| | | | | DDH NO. 86-7 |
| DIAMOND DRI | LL RECORD | | | Page I / |
| LOCATION | South U | nuk River, B.C. "DO | C Property" | |
| COLLAR | Northing Easting | 0+90NW | REMARKS | Core recovery 96% |
| | Elevation | <u> 1234 </u> | From 128 minerali | zed zone solid - |
| DRILLED | Azimuth Dip Depth | <u>215⁰</u> <u>- 75⁰</u> 138.7m | massive, | milky white, with of massive pyrite. |
| Da Mo [.] Yr | Started Completed Logged | August 31, 1986 September 3, 1986 September 1, 1986 | | ······································ |
| EQUIPMENT | Machine Core Size Dip Tests | Longyear Super 38 BQ | | |
| PURPOSE | To test | t downdip extension | of Hole 86-6 | |
| RESULTS | From 1; and fromAg. | 30.2 - 133.6m assay om 137.2 - 137.8m a | ed 0.363 oz/ta ssayed 0.98 o | on Au, 1.17 oz/ton Ag z/ton Au, 3.18 oz/ton |
| GEOLOGIST | W. Gewa | argis Do | ⊉·Mo·Yr —— | December, 1986 |

| LOCATION | : South | Unuk River, B.C. | <u>.</u> | D | RILL H | OLEL | DG | <u> </u> | <u> </u> | · <u> </u> | | HOLE | No. 86-7 | 7 | PAGE NO. 1 of 7 |
|-----------|-----------|---------------------------------------|-----------------------|----------------|------------|----------|-----------|----------|----------|------------|----------------|-----------------|-------------|----------|--------------------|
| AZIM: 2 | 15 | ELEV: 2134m | | | | | | | PROPE | RTY: DO | C | | | | |
| DIP: _ | 75 | LENGTH: 138.7m | | | DIP | TEST | | | | | | | | | |
| | | CORE SIZE: | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | CLAIM | NO: DOC | Claims | | | | |
| STARTED: | August 3 | 31, 1986 | | | | | | | SECTIO | IN: 0+90 | INW | | | | |
| COMPLETE | D: Septe | ember 3, 1986 | | | | | | | LOGGE | DaY: ₩. | Gewarg | is | | | |
| PURPOSE: | To tes | st downdip extensions of Hole | | | | | | | DATEL | .066650: | Septemb | e <u>r 1, 1</u> | 986 | | |
| | 86-6 | | | | | | | | DRILL | NG CO: [| ongyear | Canada | | | |
| CORE RECO | VERY: 96% | | | | | | | | ASSAY | ED BY: AC | <u>me Lab.</u> | Vancou | ver. B.C | | |
| F00 | TAGE | DESCRIPTION | | | 5 | AMPLE | FOOT | AGE | LENGTH | | | ASS | AYS | | |
| FROM | то | Description | | | | NO. | FROM(M) | TO(M) | (M) | oz/t | oz/t | | | | |
| 0 | ,2.1m | Casing: No core recovery | | | | | | | | | | | | | |
| 2.1 | 41.4m | Andesite: dark grn, fine grain | ed fracti | ured and | 1 | | | | | | | | | | |
| | | broken core throughout this | section. | Brokei | <u>ו</u> ו | | | | |] | | | | | |
| | | core from 2.1 - 11.3m at star | rt of dr | illing, | | | | | | | | | | | |
| | | 15.6 - 15.9m, 16.7 - 18.1m a | nd 20.2 | - 21.2m | 8 | 91 | 16,5 | 16.8 | 0.3 | 0.008 | 0.02 | | | | L |
| | | Gouge at 9.9m, 10.9m. | | | | | | | | | | | | | L |
| | | From 16.0 - 16.2m scattered qt: | z veinle [.] | t, epid | otite | | | | | | | | | | <u> </u> |
| | | - chlorite (1-2cm) wide with | little | brown | | | | | | | | | | | |
| | | limonitic 60°-70° to core ax | is 20% q | tz vein | lets. | | | | | | | | | | |
| | | From 16.5 - 16.8m gtz veinlets | with li | <u>monitic</u> | | | | | | | | | | | |
| | | alteration up to few mm in s | ize, sli | ghtly | | | | | | | | | | | |
| | | fractured with epidotite, ch | lorite, | qtz vei | lets | | | | | | | | | | <u> </u> |
| ļ | <u> </u> | at 70° to core axis, 30% gtz | | | | | | | | | | | | | <u> </u> |
| | | From 18.9 to 19.5m qtz veinlet | s with e | pidotit | 2 | | | | | | | | | | <u> </u> |
| | | chlorite alteration with lim | onitic w | ith tra | ce of 8 | 192 | 18.9 | 19.6 | 0.7 | 0.001 | 0.02 | | | | |
| ļ | | pyrite and qtz veinlets at / | b ^o to co | re axis | up | | | | | | | | | | <u> </u> |
| | ļ | <u>to 40% qtz.</u> | | | | | | | | · | | | | | <u> </u> |
| | ļ | | | | | | | | | <u> </u> | | | | | ┼───┤ |
| | | From 19.7 - 19.8m patch of whi | te qtz v | einlets | WICh | | | | | | | | | | <u>∔</u> { |
| | ļ | chlorite alteration. | | | | | | | | | | | | | <u> </u> |
| | | <u>From 24.5 - 25.3m light grn an</u> | <u>desite w</u> | <u>ith qtz</u> | 8 | 193 | 24.5 | 25.3 | 0.8 | 0.002 | 0.01 | <u> </u> | | | ┟───┤ |
| | | <u> </u> | race of | <u>pyrite.</u> | | | | | | | | | | • | ╆╌──┍─┥ |
| | | Otz veinlets up to 15% at 75 | <u>~ 85°</u> | to core | axis | | | | | | | | | | <u>├</u> |
| ┝──── | | and_slightly_fractured_at_lo | <u>w</u> anqle | to core | axis. | | —— | | | | | | | | ┟╾╍╍╼┥ |
| | <u> </u> | Erom 26.2 26.8m light boour | limoniti | c alter | | | | | | | | <u> </u> | | | ╞╌──┥ |
| <u> </u> | | tion with broken and from 2 | 6 3 . 26 | 7m | <u> </u> | | | | | | | <u> </u> | | <u> </u> | <u>├</u> |
| | | LIUN WITH DROKEN CORE TROM 2 | 0.3 - 20 | • / 111 • | | <u> </u> | <u></u> | | | | | | | | ╁╌───┥ |
| | <u> </u> | At 29 9m 5 cm wide at z wein! | ets mill | v_white | | | <u></u> | | | | | | | | ┝───┤ |
| | | with specks of appage chlosit | | , | | | <u></u> † | | | | | | | | ┟────┤ |
| | | with specks of green chiorit | е. | | | • | 1 | | | | 1_ | | | | L |

| LOCATI | on: South | Unuk River, B.C. | | n | | 10121 | <u>ר</u> | | | | | ноц | E No. | <u> </u> | PAGE NO. |
|----------|-------------|--|-----------------|---------------------|-------------|----------|----------|----------|------------|----------|-----------------|---------------|--------------|--------------|------------|
| A 7/142 | 2150 | ELEV: 122/- | | ע | ULLI | | Ju | | | | 200 | | 80 |)+/ | 2 of / |
| A2IM: | 750 | LENGTH: 120 7- | | | DIP | TEST | | | PROPE | RTY: | JUL | | | | |
| UIP: | <u>-/5°</u> | COBE \$175: 00 | FOOTAGE | READING | | 1 | | r | | | | | | | |
| STARTE | n August | 31. 1986 | | ACADING | | FOUTAGE | READING | CORRECT | CLAIM | NO: DU | <u>C Claims</u> | | <u> </u> | <u> </u> | |
| COMPLE | TED: Sente | mber 3, 1986 | | | | | | | SECTIC | ()+() :N | <u>90NW</u> | | | | |
| PUBPOS | E. To test | doundin extensions of Hole 86-6 | <u> </u> | | ł 1 | | | | LOGGE | 0 8Y: W | . Gewarg | 15 | | | |
| 10/1103 | | downarp excensions of nore ob-o | | | | | | | DATEL | .0GGED: | Septmbe | <u>r 1, 1</u> | 986 | | |
| CORE RI | COVERY: 0 | ст <u>с</u> | | | | ┨╼┅──── | | | DAILLI | NG CU: | Longyear | Canad | a | <u> </u> | |
| FC | | | | | | | | | ASSAY | ED BY: J | Acme Lab | , Vanc | ouver, | <u>B.</u> L. | |
| FROM | То | DESCRIPTION | | | | | FROMAN | TOW | LEŅĢŢĦ | Ay. | T Au | A.S. | 7 | · | |
| | | At 32 0m - 1 cm wide atz veiol | ets at 3 | n ^o to c | | | - Nompy | | <u>(M)</u> | oz/t | 0275 | | + | | |
| | - | axis with specks of pyrite | Broken | core f | nom l | | | | | | | | | | |
| | | 24 = 24 3m 26 3 = 26 7m 32 | 3 _ 32 | Qm with | 100 | | | | | | | | | | |
| | | 24 = 27.0 $32 = 32 = 32 = 37 = 20.7$ | 37 6m | 30 MICA | 38.7 | | | | • | | | | + | ╂─── | |
| | | From 35.7 - 5 cm wide qtz vein | lets. | <u> </u> | <u></u> | | | | | | | | <u> </u> | + | |
| | | From 26.8 - 40.7m good core up | to 20cm | in len | gth. | | | | | | | | + | + | |
| | | | | ······ | <u> </u> | | | | | | | | + | | |
| | | | · | | | | | | | | | | | + | |
| 41.4 | 57.9m | Andesite: light grn to dark gr | een gine | -graine | d, | | | | | | | | | + | |
| | | silicified with scattered fi | ne-grain | ed pyri | te | | | | | | | | + | + | |
| | | mineralization. Limonitic t | exture o | f qtz- | | | | · | | | | | | 1 | |
| | | chlorite. | | | | | | | | | | | 1 | 1 | |
| | | From 42.3 - 42.7m light grn-br | own alte | red, br | oken | | | | | | 11 | | | 1 | |
| | | | <u>m, at 52</u> | .1 cave | , | | | î | | | | | 1 | 1 | |
| | _ | broken core, 53.6-53.9m, | | | | | | | | | | | | | |
| | | · | | | | | | | | | | | | | |
| | | <u>At 47.4m lamination at 47.4m -</u> | <u>60° to</u> | <u>core ax</u> | is. | | | | | | | | | | |
| | | At 50.5m - 65° to core axis. | | | | | | | | | | | <u> </u> | <u> </u> | |
| | | At 53.6m - 80° to core axis. | | | | | | | | | | | ļ | <u> </u> | |
| 57.9 | 65.1m | Silicified andesite: light gre | en, fine | graine | d | | | | | | | | ļ | <u> </u> | |
| | | with scattered qtz veinlets | associte | d with | | | | | | | | | <u> </u> | | |
| | | trace of pyrite, gtz veinlet | <u>s at 550</u> | to cor | e | | | | | | | | | | |
| | | axis. Slightly fractured. | | | | | | | | | | | | <u> </u> | |
| | | At 58 5m and 60 8m small at a | oinlota | | | | ł_ | | | | | | | ┣─── | <u></u> |
| | | $F_{\text{pop}} = 62.2$ 62.7m shall q_{12} V | alded 1: | aht ac | | | | <u> </u> | | | [] | | | | |
| | | lamination. | orged 11 | ynt gre | <u>en </u> | <u> </u> | | | | | ├ ──┤ | | | | - <u> </u> |
| | | Section of Atz vainlate through | about th | ie into | nual - | | <u> </u> | | | | ├ | | | | ╁━━━━┥ |
| | | mainly at 63 3m \pm for mm in | giout til | hito at | 7 | | <u> </u> | <u></u> | <u> </u> - | | | | | | ╂{ |
| <u> </u> | | 111111111111111111111111111111111111 | 312C - W | nite qu | <u> </u> | | | | | | <u> </u> | | | | { |
| | ii | <u>verniets at oprive core axis</u> | • | | | 1 | <u>_</u> | _ | ļ | | | | | l | |

L

| LOCATIO | N: South | Unuk River, B.C. | | D | RILL | IOLEL | .0 G | <u> </u> | | | | HOLE | No. 86 | j-7 | PAGE NO. |
|----------|------------------|--|----------------------|---------------------------------------|-------------|----------|-----------|------------|--------------------|---------------|-------------|----------------------|-----------|------|----------|
| AZIM: | 215 ⁰ | ELEV: 1234m | | | D1 9 | *** | | | PROPE | RTY: DO | <u>C</u> | | | | |
| DIP: | -750 | LENGTH: 138.7m | | . | | 1651 | | | . | | | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAG | E READING | CORRECT | CLAIM | NO: DOC | Claims | - | | | |
| STARTED | = August | 31, 1986 | <u> </u> | <u> </u> | | <u> </u> | | <u> </u> | SECTIO | N: 0+9 | <u>o</u> nw | | | | |
| COMPLET | ED: Septe | mber 3, 1986 | · | ļ | l | | | <u> </u> | LOGGE | :08Y: W | . Gewar | gis | | | |
| PURPOSE: | <u>Io test</u> | <u>downdip extension of Hole 86-6</u> | <u> </u> | <u> </u> | | | | <u> </u> | DATE | .066ED: | Septemb | er <u>1, 1</u> | 986 | | |
| | <u> </u> | | | | | | | <u> </u> | DRILL | NG CO: | Longyeau | <mark>r, Cana</mark> | da | | |
| CORE REC | OVERY: 96 | <u> </u> | Į | l | L | <u> </u> | <u> </u> | <u> </u> _ | ASSAY | ED 8Y: A | cme Lab | , Vanco | uver, 8 | B.C. | |
| FOC | DTAGE | DESCRIPTION | | | 2 | AMPLE | FOOT | AGE | LENGTH | | | ASS | AYS | | |
| FROM | то | | | <u> </u> | | NO. | FROM(M) | то (м | <u> (M) </u> | oz/t | ož/t | | | | |
| | 1 | At 63.6 - few mm in size - wh | ite qtz_ | veinlet | s at | | | | | | | | | | |
| | | 85 ⁰ to core axis. | | | | | | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | | [| | | | | | | | | |
| | | At 63.7 - 2 cm wide qtz veinl | ets with | <u>pyrite</u> | | | | | | | | | | | |
| | | mineralization at 85° to co | re axis. | , | | | | | | | | 1 | | | |
| | | From 64.7 - 64.9m gtz veinlet | <u>s withir</u> | <u>the</u> | | | | | | | | | | | |
| | | silicified andesite at 85° | to core | axis. | | | | | | | | | | | |
| | | From 64.7 - 64.9m qtz veinlet | s within | n the | | | | | | | | | | | |
| | | silicified andesite at 85° | to core | axis wi | th | | | 1 | | | | | | | |
| | | trace of pyrite. | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | |
| | | | | | | | |] | | | | |] | | |
| | | At 65.1m contact between the | <u>silicifi</u> | ed ande | site | | | | | | | | | | |
| | | and dark green andesite at | 65 ⁰ to c | ore axi | <u>s.</u> | | | | | | | | | | |
| 65.1 | 121.9m | Andesite: dark green andesite | <u>fine</u> gr | <u>ained</u> i | nter- | | | | | | | | | | |
| | | mixed with section of brecc | <u>iated, s</u> | <u>silicifi</u> | ed | | | | | | | | | | |
| | 1 | and qtz veinlets | | | | | |] | | | | | | | |
| | | <u>From 67.1 - 68.0m gtz veinlet</u> | <u>s with d</u> | lissemin | a | | | | | | | | | | <u></u> |
| | | <u>ted pyrite, dark brown alte</u> | ration. | | | | | | | | | | | | |
| | | From 67.1 - 67.2m qtz veinlet | s at 35° |) to cor | e | 8194 | 67.1 | 68.0 | 0.9 | 0.015 | 0.06 | | | | |
| | | axis., 67.4 - 67.5m at 70 ⁰ | to core | axis. | | 8195 | 68.7 | 69.1 | 0.4 | 0.017 | 0.07 | | | | |
| | | From 68.8 - 68.9m gtz veinlet | with da | <u>ark brow</u> | <u>n</u> | 8196 | 69.9 | 70.9 | 1.0 | 0.004 | 0.02 | | | | |
| | | alterated disseminated pyri | <u>te_at_45</u> | <u>5° to co</u> | re | 8197 | 70.9 | 71.3 | 0.4 | 0.001 | 0.01 | 1 | | | |
| | | axis. | | | | | | | | | | | | | |
| | | | | | | | |] | | _ | | | | | |
| | | From 69.9- 70.9m silicified a | ndesite | with qt | z | | | | | | | | | | |
| | | veinlets with pyrite minera | lization | <u>throug</u> | <u>h- </u> | | | | | | | | | | |
| | [] | out this section. slightly | fracture | ed. atz | | | | | | | | | | | |
| | | <u>veinlet at 60° - 70° to cor</u> | e axis. | | | | | | | | | | | | |
| | | From 69.9 - 70.2m light grey | alterati | lon with | qtz | | | | | | | | | | |
| | I = T | veinlets | | | 1 | [| ſ | | | | | | | | |

| LOCATION | : South | Unuk River, B.C. | | D | RILLH | IOLE L | OG | | | | | HOLE No. | 867 | PAGE NO. 4 of 7 |
|-----------|-----------------|--|-------------------|-----------------|--------------|------------|----------|----------|--------|---------------|----------------|-------------|---------------|--------------------|
| AZIM: 2 | 15 ⁰ | ELEV: 1234m | | | | | | | PROPE | RTY: 00 | C | | | |
| 019: -7 | 5 ⁰ | LENGTH: 138.7m | <u>-</u> | | DIP | TEST | | | | | | | | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | CLAIM | NO: 000 | Claims | | | |
| STARTED: | August | 31, 1986 | | <u> </u> | | <u> </u> | | <u> </u> | SECTIO | אכ: 0+ | 90NW | <u> </u> | | |
| COMPLETE | D: <u>Septe</u> | mber <u>3, 1986</u> | · | | Ì | ļ <u> </u> | ļ | | LOGGE | Ю ву: W. | Gewarg | is | | |
| PURPOSE: | To tes | <u>t downdip extension of Hole 86-6</u> | ļ | <u> </u> | i | L | | <u> </u> | DATE | LOGGED: | Septemb | er 1, 1986 | <u></u> | <u> </u> |
| I | | | <u> </u> | [| | | | | DAILL | ING CO: L | .ongyear | Canada | | |
| CORE RECO | VERY: | 96% | | [| <u> </u> | Ĺ | <u> </u> | <u> </u> | ASSAY | ED BY: A | <u>cme Lab</u> | , Vancouver | <u>, B.C.</u> | |
| F00 | TAGE | DESCRIPTION | | | S | AMPLE | FOOT | AGE | LENGTH | Au | - <u>Au</u> r | ASSAYS | | |
| FROM | <u> </u> | | | | | NO. | FROM | 10(M) | (M) | <u> o27t</u> | oz/t | | | |
| | [| From 70.9 - 71.3m light grn-bro | wn brec | ciated | | | | | | | | | | <u> </u> |
| | | section with disseminated pyr | <u>ite, qt</u> | z veinl | ets | | | | | | | | | |
| | | and limonitic alteration. | | | | | | | | | | | | |
| | | <u>From 73.8 - 74.1m gtz veinlets</u> | <u>with li</u> | <u>aht are</u> | <u>en 8</u> | 198 | 73.8 | 74.2 | 0.4 | 0.023 | 0.08 | | _ <u> </u> | |
| | | to grey with disseminated fir | le grain | ed pyri | te, | · | | | | | | | | <u> </u> |
| | | <u>qtz veinlet at 73.9m within a</u> | <u>ilt. bro</u> i | in limo | <u>nitid</u> | | | | | <u> </u> | | | | <u> </u> |
| | | at 45° to core axis. | | | | 100 | | | 0.0 | 0.007 | 0.04 | | | |
| | | From 74.3 - 74.5m massive-white | color (| qtz vei | nlet 8 | 199 | 74.2 | 74.5 | 0.3 | 0.007 | 0.04 | | | |
| | | with disseminated pyrite and | brown a | lterati | <u>on, 8</u> | 200 | /4.5 | /5.0 | 0.5 | 0.004 | 0.01 | | | |
| | | chlorite. | | | | | · | | | | | | | |
| | | $\frac{1}{1}$ At 74.5% contact angle at 55 t | lets wi | axis th dis- | - 1- 8 | 201 - | 75.0 | 75.4 | 0 4 | 0.009 | 0.06 | | <u> </u> | |
| | | seminated fine pyrite mineral | ization | hright | | 202 | 75 4 | 75.8 | 0.4 | b 001 | 0.02 | | | |
| | | vellow in color scattered thr | oughout | this | | 203 | 75.8 | 76.1 | 03 | 0.004 | 0.02 | | | |
| | | interval | Jugnout | CITE | | 200 | | | 0.0 | 0.001 | 0.02 | | | |
| | | | _ | | <u> </u> | | | | | | | | | |
| | | From 75.8 - 76.1m dark brown al | teratio | n with | | | 1 | | | | | | | |
| | | disseminated pyrite mineraliz | ation 1 | ess tha | n 5% | | | | | | | | | |
| | | (pyrite) at 45° to core axis. | · | | | | | | - | | | | | |
| | | | | | | | | | | | | | | |
| | | Broken core from 79 - 79.5m at | 80.8m (| cave) | | | | T | | | | | | |
| | | | | | | | | | | | | | | |
| | | At 80.9m few mm qtz veinlet. | | | | | | | | | | | | |
| | | At 81.1m few mm gtz veinlet at | <u>45° to (</u> | core <u>ax</u> | is | | | | | | | | | |
| | | with trace of pyrite. | | | | | | | | | | | | |
| | | At 81.2m gtz veinlets few mm wi | de. | | | | | | | | | | _ | |
| | | | | | | | | | | | | | | _ |
| | | From 82.3 - 96.1m dark grn ande | <u>site wi</u> | th high | ly | | ļ. | | | | | | | |
| | | broken core and missing core | <u>mainly</u> | <u>from 86</u> | .3 - | | | | | İ | [_ | | | |
| | | 86.9m. O.6m core missing. 86. | 9 - 88. | 7m_with | | | | | | | | | | |

| LOCATION: | CATION: South Unuk River, B.C. | | | D | RILLH | IOLE L | OG | | | | | HOLE | No. 86- | 7 | PAGE NO. 5 of 7 |
|-----------|--------------------------------|---|------------------|---------------|------------|----------|----------|----------|----------|----------|-------------------|--------|------------|----------|--------------------|
| AZIM: 215 | 0 | ELEV: 1234m | | | | | | | PROPE | RTY: DO | 00 | | | | |
| DIP: _75 | 0 | LENGTH: 138.7m | | | DIP | TEST | | | | | | | | | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | CLAIM | NO: 00(| Claims | | | | |
| STARTED: | August | 31, 1986 | | | | | | | SECTIO |)N: 0+0 | JONW | | | | |
| COMPLETED | D: .Sente | ember 3, 1986 | | | | | | | LOGGE | Day: W. | . Gewargi | s | | | |
| PURPOSE: | To test | downdip_extension_of_Hole_86-6 | | | | | | | DATE | 06660: (| September | 1, 19 | 86 | | |
| | | | | | | | <u> </u> | | DRILL | NG CO: [| ongyear | Canada | | | |
| CORE RECO | VERY: 96% | % | | | | <u> </u> | <u> </u> | <u> </u> | ASSAY | ED BY: 4 | lome Lab, | Vanco | uver,_l | B.C. | |
| F001 | TAGE | DESCRIPTION | | | S | AMPLE | FOOT | AGE | LENGTH | | . 6a . | ASS | AYS | | |
| FROM | то | | | | | NO. | FROM(M) | TO(M) | (M) | oz/t_ | ozit | | | ļ | |
| | 1 1 | gouge and clay. | | | | _ | | | <u> </u> | | ↓ | | | ļ | |
| | | From 88.7 - 89.1 possible majo | r fault z | one. | | | | | · | ļ | | | | ļ | |
| | | From 89.1 - 92.3m broken core | | | | | | | | <u> </u> | | | | | |
| | | From 92.3 - 96m slightly broke | n core up | to 10 | cn | | | | | ļ | <u> </u> | | | ļ | |
| | | in size. | | | | | | | | · - | | | | <u> </u> | |
| | | <u>From 96.2 - 97.6 light green t</u> | o qrey an | desite | with a | 3204 | 96.2 | 97.6 | 1.4 | 0.016 | 0.070 | | | | |
| | ļ | qtz veinlets up to few mm in | width at | 10° t | 0 | | | | | <u> </u> | - | | <u> </u> | | |
| | <u> </u> | core axis. | | | | | | | · · · | ļ | | | | | |
| | | From 98.3 - 98.5m qtz veinlets | (white) | with t | race | | | | ļ | | | | | | |
| | <u></u> | of pyrite along the contact of | with qtz | vein, | few | | | | [| | | | | | |
| | | mm wide at low grade to core | axis. | | | | | | | | <u> </u> | { | | | |
| | | From 99.6 - 99.7m narrow qtz v | einlet wi | th tra | | · | | | | | | | | F | |
| | | pyrite. chlorite. | <u> </u> | • | | 2205 | 100 6 | 101 / | 0.0 | 0.011 | 0.10 | | | | |
| | | From 100.6 - 101.4m qtz vein 1 | itermixed | with . | dark | 3205 | 100.0 | 101.4 | 0.8 | 0.011 | 0.10 | | | | |
| | | <u>drn andesite with disseminat</u> | ed pyrite | <u>, fine</u> | | | ł | | | | | | | | |
| | | 1 medium grained, bright yello | <u>i in colo</u> | r. pyr. | <u>ite</u> | | | | | | | | | | + |
| | | <u>up.to.5%.</u> | | · · · | | | † | | | | | | | | |
| | | Erom 100 4 → 102 3m cave at 10 | 12 3 and | missin | | | | | | | | | | | |
| | | core at 0.4m | | | | | | | | | | | | | |
| | | $E_{rom} = 103.8 m = 104.2 m paprox at:$ | v voinlet | un to | 5 - | | | | | | | Î | | | |
| | | 10% gtz veinlet with trace o | f ovrite. | - 40 - 44 | <u> </u> | | | | | | | | | | |
| | | From 107.3 - 108.7m broken cor | <u> </u> | | | | | | | | | | | | |
| | | From 108.8 - 108.9 gtz veinlet | with dar | k brow | n 1 | 3206 | 108.8 | 109.4 | 0.6 | 0.007 | 0.02 | | | | |
| | | alteration, trace of Py, chl | orite and | epido | tite | | | | | | | | | | |
| | | Qtz veinlet at 65° - 70° to | core axis | • | | | | | | | | | | | |
| | | | | | | | | | | | | | _ | | l |
| | | From 109.7 - 121.9m dark grn - | fine-gra | ined | | | | | | | | | | | |
| | | andesite with small, narrow | ıtz veinl | ets at | | | | | | | _ | | | | |
| | | 75 ⁰ _ 85 ⁰ to core axis with | section o | f ligh | t] | | | | | | | | | | |

| LOCATION: | South | Unuk River, B.C. | D | RILL | HOLEL | .0G | | | | | HOL | E No. 86 | -7 | PAGE NO. 6 of 7 |
|-----------|-----------------|---------------------------------------|--------------------------|-----------------|-------------|-------------|----------|--------|-----------------|----------|----------|--------------------|-------------------|--------------------|
| AZIM: 2 | 15 ⁰ | ELEV: 1234m | | | | | | PROPE | вту: D04 | 0 | | | | |
| DiP: | 75 ⁰ | LENGTH: 138.7m | | | 1551 | <u> </u> | | | | | | | | |
| | | CORE SIZE: BQ | FOOTAGE READING | CORRECT | FOOTAG | E READING | CORRECT | | NO: DOC | Claims | | ··· | | |
| STARTED: | August | 31, 1986 | | | <u> </u> | | | SECTIO | 10+ <u>9</u> | DNW | | | | · |
| COMPLETED | sept | ember 3, 1986 | | | | <u>-</u> | ļ | LOGGE | рвү: ₩ . | Gewarg | is | | | |
| PURPOSE: | To test | downdip extension of Hole 86-6 | | | | | | | OGGED: | Septemb | er 3, | 1986 | | |
| | | | | | | | | DRILLI | NG CO: | longyea | ir Canad | la | | |
| CORE RECO | VERY: | • <u></u> | | | 1 | <u> </u> | <u> </u> | ASSAY | | Acme La | ub, Vano | couver, | 8.C. | |
| FOOT | AGE | DESCRIPTION | 1 | | SAMPLE | FOOT | AGE | LENGTH | | | AS | SAYS | | |
| FROM | TO | | | | NO. | FROM(M) | то(м) | (M) | oz/t | oz7t | ļ | | | |
| ۱ ۱ | | <u>areen - arev with epidotite ma</u> | inly from 116.5 | | | | | | | | | ļ | L | |
| | | 116.6m <u>, 117.1</u> – 117.3m | | | | | | | | | | | <u> </u> | |
| | | Trace of pyrite mineralization | throughout the | | | | | | | | | | | |
| | | following intervals with bro | ken core, gouge. | | | | | | | | | | | |
| | | mainly from 113.7 - 114.4m, | with gouge at 1 | 14.2 h , | | | | | | | | ļ | | |
| | | <u>115.8 - 116.4m, 118.9 - 121.</u> | Om. 121.9 - 122. | .5m | | | | | | | | | <u> </u> | _ |
| | _ | Section of 118.9m - 121m possi | <u>ble fault zone </u> | rith | | | | | | <u> </u> | | | <u> </u> | |
| | i | <u>qtz veinlet, epidotite at 11</u> | <u>8.7m at 35° to (</u> | core | | | | | | | | <u> </u> | | |
| | | axis. | | | | | | | | | | ļ | <u> </u> | |
| | | At 122.4m broken core with dis | seminated pyrite | <u>- </u> | | | | | | | | ļ | ļ | |
| | | <u> </u> | | | | | | | | | | | | |
| 121.9 | 128.3m | <u>Andesite light green - grey wi</u> | th qtz and epide | <u>otite</u> | | | | | | | | | | |
| | | veinlets throughout this sec | <u>tion. qtz_up to</u> | <u>}</u> | | | | | | | <u> </u> | | | |
| | | <u>15% with increase in this an</u> | cunt from 127.4 | - | | | | | | | <u> </u> | | <u> </u> | |
| · | | 128.3m, (close to mineralize | <u>d vein).</u> Slight | <u>-1y </u> | | | | | | | <u> </u> | | <u> </u> | |
| | | fractured with small section | <u>of broken core</u> | | | | | | | | | | | |
| | | with gouge from 125.8 to 127 | <u>.om increase in</u> | { | | | | | | | | | | |
| (| { | epidotite from 125.9 - 126.0 | . | | | <u>-</u> ·{ | | | | | } | | | |
| 128.3 | 133 6 | Atz wein (mineralized zone) | | | 8207 | 127.8 | 128.3 | 0.5 | 0.003 | 0.08 | } | | | |
| 120.0 | | Maceiva _ milky _ white atz | vein with section | <u>, n</u> | 8208 | 128.3 | 129.2 | 0.9 | 0.094 | 0.26 | | | | ╺┼╴──┤ |
| | | of maceive - coapee appind | nunita intenca | ted | 8209 | 129.2 | 129.8 | 0.6 | 0.014 | 0.07 | | 1 | | ╺┼───┤ |
| | | uithin this zone painly at 1 | 28 7 129 0m u | + h | 8210 | 129.8 | 130.2 | 0.4 | ann n | 0.05 | | | | |
| | | dark brown alteration. (lim | onitic) and sliv | htlv | 8211 | 130.2 | 130.5 | 0.3 | 0.934 | 3,21 | | | — <u> </u> | - |
| | | fractured | the state of the state | 1 | 8212 | 130.5 | 131.4 | 0.9 | 0.364 | 1,20 | I | | | +1 |
| | | From 130.3 - 130.5m massive | ovrite and trace | e of | 8213 | 131.4 | 131.9 | 0.5 | 0,760 | 2,36 | 0.363 | 07/+ A | | + |
| | | chalcopyrite bematite at 3 | to core axis. | | 8214 | 131.9 | 132.4 | 0.5 | 0.072 | 0.19 | 1.17 | z/t Ag | · · · · · · · · · | |
| | | From 131 6 - 132 im massive - | coarse grained | | 8215 | 132.4 | 133.2 | 0.8 | 0.212 | 0.64 | over (| .4 | | 11 |
| | | nvoite mineralization | <u>ovaros, gratnos .</u> | | 8216 | 133.2 | 133.6 | 0.4 | 0.110 | 0.38 | | | | |
| | | | | | | | | | | | | | | |

| LOCATION: | South | Unuk River, B.C. | | D | RILI | HOLEL | DG | | | | | HOLE | No. 86- | 7 | PAGE NO. 7 of 7 |
|-------------------------|---------------|--|-------------------|----------------|--------------|--------------|---------|----------|------------|-----------|----------------|--------------|---|-----------------|--------------------|
| AZIM: 215 | 50 | ELEV: 1234m | | - | | | • - | | PROPE | RTY: DO | C | | | | |
| DIP: _75 | <u>.</u> | LENGTH: 138.7m | | | DIP | TEST | | | | | | | | | |
| | <u> </u> | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAG | READING | CORRECT | CLAIM | NO: DOC | Claim | | | | |
| STARTED: | August 3 | 1, 1986 | | | | Τ | | | SECTIO | N: 0+90 | NW | | ····· | | |
| COMPLETED | : Septem | iber 3, 1986 | | | } |] | T | | LOGGE | D 8Y: W. | Gewargi | s | | | |
| PURPOSE: | To test | downdip extension of Hole 86-6 | | | | | | | DATEL | 06650: | <u>Septemb</u> | <u>er 3.</u> | 1986 | | |
| | | | | | | <u> </u> | | ↓ | DRILLI | NG CO: LO | ngyear | Canada | | | |
| CORE RECO | VERY: 96 | <u>)%</u> | | | <u> </u> | <u> </u> | J | <u> </u> | ASSAY | ED BY: P | cme Lao | , vanc | ouver, i | <u> </u> | |
| FOOT | AGE | DESCRIPTION | t | | s | AMPLE | F00T | AGE | LENGTH | Ân | Ad T | A55 | 1 I I I I I I I I I I I I I I I I I I I | <u> </u> | ·/ |
| FROM | то | | · | | | NO. | FROM(M) | TO (M) | <u>(M)</u> | oz/t | oz7t | | ·· | ┟ | ╞╾╼ |
| | | <u> From 132.4 – 133.2m fine grain</u> | <u>ed pyrite</u> | e | | | | | | I | | | | | ┼ ────── |
| | | | | | | | | | | ļ | | | | <u> </u> | |
| | | From 129.2 - 130.4m light gry | - qtz vei | inlet | | | | | | | { | | {' | └ ∼───── | |
| | | throughout, silicified andee | ite with | disemi | nat- | | | | | } | | | <u> </u> | <u> </u> | |
| L | | ed pyrite and section of dar | <u>k brown</u> : | alterat | ion | | | | | i | ł | | | <u>├</u> ──── | |
| | | <u>mainly from 129.2 - 129.8m.</u> | Qtz vei | <u>nlet at</u> | · | | | | | <u> </u> | | | | | |
| | | <u>10° - 20° to core axis.</u> | | | | | | | ·· | | | | · | <u> </u> | ├── |
| | | · · · · · · · · · · · · · · · · · · · | . <u></u> | | | | | | | | | | <u> </u> | | · <u> </u> |
| | | <u> From 130.5 - 131.4m milky - wt</u> | <u>ite gtz</u> | vein wi | th | | | } | | | | <u> </u> | <u> </u> | <u> </u> - | |
| <u> </u> | | <u>scattered coarse grained pyr</u> | <u>ite</u> and o | <u>dark gr</u> | <u>`0</u> | | | | | | | _ | <u> </u> | f | <u> </u> |
| | 120 7 | stain (malacite) at 131.1m. | | ch fir | | 8217 | 133 6 | 134.5 | 0.9 | 0.016 | 0.14 | | <u> </u> | <u>}</u> | <u>├</u> |
| 133.0 | <u>138./m</u> | Silicified Andesite. Light gr | n - gryi: | 511, 111 | too | 8218 | 134 5 | 135 9 | 1.4 | 0.004 | 0.07 | | <u> </u> | | |
| ├ | | grained andesite with gt2 ve | intet wr | <u>en scar</u> | | 9210 | 135 0 | 137 2 | 1.3 | 0.026 | 0.11 | | 1 | | |
| | | <u>ed fine-disemminate pyrite r</u> | <u>11060.9117</u> | | | 8220 | 137.2 | 137.8 | 0.6 | 0.656 | 2.13 | | | | |
| ├ | | From 137.4 - 137.6m white gtz | vein wit | h | | 8221 | 137.8 | 138.5 | 0.7 | 0.048 | 0.16 | | | | |
| ├ ── ── ┤ | | disseminated pyrite up to 10 |)-15% and | dark o | n | 8222 | 138.5 | 138.7 | 0.2 | 0.006 | 0.05 | | ļ | 1 | <u> </u> |
| | | alteration (limonitic). | - 10.0 4.14 | | <u></u> | | | | | | | | | <u> </u> | <u> </u> |
| | | | | | | | | | | | | | | ļ | . <u> </u> |
| | | From 138.0 - 138.6m qtz veinle | ets, whit | e in co | olor | | | | | | | | | | ┦──── |
| | | with disseminated pyrite. | | | | | | | | | | | ļ | ļ | <u> </u> |
| | | From 138 - 138.7m major fault | zone wit | h broke | en 📔 | | | | | _ | | | | <u> </u> | |
| | | core, gouge (cave). Very b | ad ground | • | | | | | | | | - <u> </u> | <u> </u> | <u> </u> | |
| | | | | | | | | | <u></u> | <u>├</u> | | | } | ┝ | <u> </u> |
| | | End of Hole at 138.7 | | | | | | | | | <u> </u> | | <u> </u> | ┝─── | ┼──── |
| | | | | | ! | ł | | | | | | - | <u> </u> | ┟── | |
| l | | | <u> </u> | | | | | | | | | | | <u> </u> | + |
| | | | <u> </u> | | | | | · | | | | | ├ ──── | | |
| | | | <u> </u> | <u> </u> | | _— | | } | | | - | | | | ┼╌╍╼╼ |
| L | | L | | | | | | | | L | I | | | | |

| | | -Gewargis Geological Cons | ulting Inc. |
|-------------|-----------------------------------|---|---|
| | | 0 | DDH NO. 86-8 |
| DIAMOND DRI | LL RECORD | | Page 1 / <u>1</u> |
| LOCATION | South I | nuk River, B.C. "DO | C Property" |
| COLLAR | Northing Easting | <u>3+00NW</u> | REMARKS <u>Core recovery 93%</u> |
| | Elevation | <u>1237m</u> | From 59 - 60.9m qtz vein. mineralized zone with |
| DRILLED | Azimuth Dip | <u>194⁰</u> -45 ⁰ | scattered pyrite mineralization. Light |
| | Depth | <u>72.8m</u> | brown alteration, oxidization and limonite. |
| Da Mo Yr · | Started Completed Logged | <u>September 4, 1986</u> <u>September 6, 1986</u> <u>September 5, 1</u> 986 | |
| EQUIPMENT | Machine Core Size Dip Tests | <u>Longyear Super</u> 38 <u>BQ</u> | |
| PURPOSE | To tes | t the north extension | on of Q-17 - Q-22 vein system. |
| RESULTS | From_5 OR_60~ | 9.0 - 61.0m assayed 0 - 60.6m assayed 0 | 0.313 oz/ton Au, 1.17 oz/ton Ag. .988 oz/ton Au, 3.18 oz/ton Ag. |
| GEOLOGIST | W. Gew | D | a Mo'Yr |

| LOCATION | : South | Unuk River, B.C. | | D | RILLH | OLEL |) G | | | _ | | HOLE | No. 86- | -8 | PAGE NO. 1 of 3 |
|----------|--|--------------------------------------|---------------------|------------------|--------------|---------|---------|------------|--------|-----------------|-----------------|----------------|------------|----------|--|
| AZIM: | 1940 | ELEV: 1237m | | | | | | | PROPE | 1 TY: DC |)C0 | - | | | |
| OIP: | -45° | LENGTH: 72.8m | | | | TEST | | | | | | | | | |
| [| | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTAGE | READING | CORRECT | CLAIM | NO: D(| C Claim | Ś | | | |
| STARTED: | Septeml | ber 4, 1986 | | | | | | | SECTIO | м: 3- | -OONW | | | | |
| COMPLETE | D: Septe | ember 6, 1986 | | | | | | | LOGGE | 0 8Y: ¥ | l. <u>Gewar</u> | <u>lis</u> | | | |
| PURPOSE: | To test | t north extension of | | | | | | | DATE L | OGGED: | Septemb | er 5, 1 | 986 | | |
| | Q-17, (| Q-22 veins | | | | | | | DRILLI | NG CO: | Longyea | r <u>Canad</u> | a | | |
| CORE REC | OVERY: 93 | 3% | | | | | | | ASSAY | ED BY: (| hemex L | ab. Van | couver. | . в.с. | |
| F00 | TAGE | DESCRIPTION | 1 | | S. | AMPLE | FOOT | AGE | LENGTH | • | | ASS. | AYS | | |
| FROM | TO | | | | | NO. | FROMM | то(м) | (M) | oz/t | oz/t | | | | |
| 0 | , 2.7m | Casing: 0.3m core recovered mai | nly ande | esite an | id | | | | | | | | | | |
| | | oranitic | | | | | | | | | | | | | |
| 2.7 | 6.3m | Andesite: dark grn, fine graine | d slight | ly frac | tur- | | | | | | | · | | | |
| | | ed and broken core throughout | ; this ur | it main | ly | | | | | | | | | | |
| | | from 2.7 to $3.3m$ and $4.0 - 6$. | 1m. | | | | | | | | | | | | |
| | | From 3.3 - 3.9m narrow section | of light | gry - | grn | | | | | | | | | | |
| | | (cherty unit) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 6.3 | 9.1 | Cherty andesite: gry-grn_in_col | or, lami | nated i | n | | | | | | | | | | |
| | | part. lamination at 80° - 90° | , <u>to core</u> | axis. | | | | | | | | | | ļ | <u> </u> |
| | | slightly fractured and broker | a core ma | ainly fr | `om | | | | | | ļ | | | L | <u> </u> |
| | | 7.9 - 8.8m. | | | | | | | | | | | | L | · |
| | | | | | | | | | | <u> </u> | <u> </u> | | | <u> </u> | |
| 9.1 | 22ត | Andesite: dark green, fine-grai | ned slig | htly | | | | | | | | | ······ | ļ | |
| | | laminated, fractured and brok | en core | mainly | | | | | | | | | | | |
| | <u> </u> | <u>from 11.7 - 16.9m (fault zone</u> | <u>) and fr</u> | <u>om 17.5</u> | <u> </u> | | | | | | | | | | <u> </u> |
| · | | <u>18.2m, 20.4 - 22m_fault_with</u> | gouge at | <u>: 21.5</u> m. | | | | | | | <u> </u> | | | | |
| <u> </u> | | | | | | | | | | | | | | | |
| 22 | 59.Om | Cherty Andesite: light green - | grey, fi | .ne-grai | ned, | | | | | | | | | | <u> </u> |
| | L | laminitic, slightly fractured | with sn | nall | | | | | | | | | | | _ |
| | | interval of broken core mainl | y from 2 | 23.0 - 2 | 3.4m | | | | | | | | | | <u> </u> |
| | | <u>27.4 - 27.5m. 30.7 - 31.2m. f</u> | ine grou | ind mass | ; | | | | | | | | | | ┼───┤ |
| | I | consisting of biotite with so | attered | <u>qtz vei</u> | <u>nlets</u> | | | | | | | | | | <u> </u> |
| | <u> </u> | Foliation at 22.9m - 40° to cor | <u>e axis</u> | | | | | | | | | | | | ┦┨ |
| | <u> </u> | At 28.3m - 85° to core axis | | | | | | | | | └───┤ | <u></u> | | | ┟╼───┥ |
| | <u> </u> | At 33.3 - 55° to core axis | | <u></u> | | | | | | | ┝━━━━━┤· | | | | ┟╍╍╍┥ |
| | ļ | At 36.5 - 85° to core axis. | | | [| | | <u> </u> . | | | ┝ | | | | <u>├───</u> ─┤ |
| <u>-</u> | <u> </u> | | | | <u> </u> | | | | | | | | | · | ╎───┤ |
| | L | Small sections of slump structu | ire (sedi | lment | | | | | | | | | | | ┝───┤ |
| l | 1 | structure) within this interv | <u>al main</u> | ly from | 22.5 | | | | | | | | | | |

| LOCATION | M: 194 ⁰ ELEV: 1237m | | | D | RILLI | IOLE | LOG | | | | | HOLE No | 86-8 | PAGE NO. 2 of 3 |
|----------|---------------------------------|---|------------------|----------------|-----------------------|----------|------------|-------------------|------------|-----------------|-------------|-------------------|----------|--------------------|
| AZIM: | 194 ⁰ | ELEV: 1237m | | | Die | TEAT | | | PROPE | RTY: DOC | | | <u> </u> | |
| DIP: - | <u>-45°</u> | LENGTH: 72.8m | <u> </u> | | | 1621 | | | -, <u></u> | | | | <u> </u> | |
| <u> </u> | | CORE SIZE: BQ | FOOTAGE | READING | CORRECT | FOOTA | GE READING | CORRECT | | NO: DOC | Claims | | | |
| STARTED: | Septemb | er 4, 1986 | | | | | | | SECTIO | о м: 3+0 | ONW | <u></u> | | |
| COMPLETE | :: Sept | ember 6, 1986 | | | | | | | LOGGE | DBY: W. | Gewargi | is | | <u> </u> |
| PURPOSE: | <u> </u> | north extension of | | | | <u> </u> | | | DATE | LOGGEO: | Septemb | ber 5, 19 | 36 | |
| | <u>0-17, 0</u> | <u>-22 yeins</u> | | | i | | | | ORILL | ING CO: | Longye | <u>ear Canad</u> | <u>1</u> | |
| CORE REC | OVERY: 93 | % | | | | | | <u> </u> | ASSAY | ED BY: (| hemex La | a <u>b, Vanco</u> | iver, B. | <u>C.</u> |
| FOC | TAGE | DESCRIPTION | 1 | | s | AMPLE | FOOT | AGE | LENGTH | ļ | - <u>60</u> | ASSAYS | | |
| FROM | то | | | | | NO. | FROM(M) | то _(М) | (M) | <u> 027t</u> | ož7t | | | |
| | 1 1 | - 23m, 24 - 24.6m, 25.7 - 26.2m | , 27 - 27 | .2m, 24 | 3 - <u> </u> . | | | | | | | | | |
| | | 28.6m. 34.1 - 34.7m. | | | | | | | | ļ | | | | |
| | | | | | | | | | | | | | | |
| | } | From 30 - 30.7m qtz veinlet wit | h trace d | of pyri | te 8 | 223 | 30 | 30.7 | 0.7 | 0.004 | 0.01 | | | |
| | | From 31.4 - 31.5m qtz veinlet w | ith trace | ofpy | ite | | | | | | | | | |
| | | From 35.1 - 35.9m silicified qt | z, light | gry wi | :h _8 | 224 | 31.3 | 31.6 | 0.3 | 0.002 | 0.01 | | | |
| | | trace of pyrite | | | | | | | | | | | | |
| | | At 35.1 contact angle_at -45° t | o core ax | is and | at 8 | 225 | 35.1 | 35.9 | 0.8 | 0.002 | 0.05 | | | |
| | | $35.9m - 70^{\circ}$ to core axis. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | From 40.5 - 42.0m light brown, | oxidized | limoni | tic | | | | | ļ | | | | |
| | | zone, slightly fractured with | pyrite # | <u>nineral</u> | iz- 8 | 226 | 40.5 | 42.0 | 1.5 | 0.002 | 0.05 | | | |
| | | ation. | | | | | | | | | | | | |
| | | Foliation at 40.7 - 80° to core | <u>axis</u> | | | | | | | [| | | | |
| | <u> </u> | At 42.0m - 75° to core axis. | | | 8 | 227 | 46.5 | 47.0 | 0.5 | 0.002 | 0.02 | | | |
| | | From 46.5 - 48.0m section of gr | evish - W | white, i | Fine <u>8</u> | 228 | 47.0 | 48.4 | 1.4 | 0.002 | 0.05 | | | |
| | | grain cherty unit with trace | of pyrite | e miner: | aliz | | | | | | | | | |
| | ļ | ation. | | | | | | | | ļ | | | | |
| | <u> </u> | From 46.7 - 47.1m brown alterat | ion. | | | | | | | | | | | |
| | | From 47.5 - 47.7 greyish altera | tion, fir | ne-grai | ned. | | | | | | | | | |
| | | <u> From 48.0 - 49.0m light grey - </u> | green and | lesite | inte <mark>r</mark> - | | | | | | | | | |
| | <u> </u> | mixed with the cherty unit. | | | | | | | | | | | | |
| | Ļ | From 49.0 - 51.0m white - greyi | <u>sh altera</u> | ation, | finel | | | | | | | | | |
| · | <u> </u> | orained with fine foliation. | | _ | · | | | | | | | | | |
| · | | From 50.4 - 50.8m broken core w | <u>ith light</u> | <u>-brown</u> | | | | | | | - | | | |
| | <u> </u> | alteration. | | | | (| | | | | | | | |
| | | | | | | | | | | | | | | |
| | | From 49.3 - 59m white - greyish | cherty ı | init wi | th | | | | | | | | | |
| | | section of brown alteration s | lightly f | ractur | ed | | | | | | | | | |
| | | and broken core mainly from 5 | 1.8 - 51. | 9m and | | [| | | | | | | | |

| LOCATION | South | Unuk River, B.C. | | מ | RILH | 101 F I | 0G | | | | | HOLI | E No. 86- | 8 | PAGE NO. 3 of 3 |
|-----------|----------------|--|-------------------|----------------------|-------------|---------|-------------|-----------|--------|-----------------|----------|----------------|--------------|-------------|--------------------|
| A7IM: 1 | 940 | ELEV: 1237m | | - | | | • • | | PROPER | נד ץ: D(| DC | | | | |
| DIP: _4 | 0 | LENGTH: 72.8m | | | DIP | TEST | | | | | | | | | |
| <u> </u> | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAG | READING | G CORRECT | CLAIM | NO: DOC | Claim | | | | |
| STARTED: | Septemb | per 4, 1986 | | | [······ | 1 | | | SECTIO | N: 3+0 | DNW | | | | |
| COMPLETE | o: Sept | ember 6. 1986 | | | | Î | | | LOGGE | ОВУ: W | Geward | qis | | | |
| PURPOSE: | To test | north extensions of | | | | | | | DATE L | 06650: | Septembe | <u>er 5, 1</u> | 986 | | |
| | Q-17, Q- | -22 veins | | | | | | | DRILLI | NG CO: | Lonyear | <u>r Canad</u> | а | | |
| CORE RECO | VERY: | 3% | | | | | | | ASSAYE | oer: C | nemex La | ab, Van | couver, | B.C. | · • |
| F00 | TAGE | DESCRIPTION | 1 | | S. | AMPLE | F001 | TAGE | LENGTH | . | <u></u> | ASS | SAYS | | |
| FROM | то | | | | | NO. | FROM(M) | TO(M) | (M) | _027t_ | ož7t | | ļ | | |
| | t | from 54 - 54.9m | | | 8 | 229 | 54 | 54.9 | 0.9 | 0.002 | 0.07 | | | | · |
| | | From 54.4 - 59m major fault wit | <u>ch broken</u> | core, | from | | | | | | | | ļ | | · |
| | | few mm to 5 cm in size, folia | ation of | fractur | e | | | | | | | | ļ | | |
| | | at 57.7m is parallel to core | axis. | | | | | | | | | <u>-</u> . | ļ | | |
| | · | | | | | | | | | | | | | | |
| 54 | 60 . 9m | Qtz vein (mineralized zone): w | nite - mi | lky fir | ie- | | | | | | | | | | |
| ļ | | grained qtz vein with scatter | red sulph | ide | | | | | | | | | | | |
| | | mainly pyrite. | | | | | | | | | | <u> </u> | | | |
| ļ | | From 59 to 59.4m light-brown. | <u>oxidized</u> , | limoni | tic. | | <u> </u> | | | | | | | | |
| | · | slightly fractured with trac | <u>of pyri</u> | <u>te and</u> | <u>0.1m</u> | | | | | | | | | | |
| ļ | <u> </u> | core missing with stringers | of pyrite | withir | | | | | | | | | | | |
| } | | this section. | | | <u> </u> | | | | | | | | | | |
| <u> </u> | | IFrom DU.I - DU.5m highly oxidi: | zed qtz v | ein wit | h l | 220 | 67.0 | 50 0 | 1 2 | 0.002 | 0 01 | | | | |
| | | <u>E massive pyrite mineralization</u> |). | ad from | | 230 | 50.0 | 59.0 | 0.7 | 0.002 | | | | | - |
| | | | iissing a | | | 231 | <u>59.0</u> | 60 0 | 0.4 | 0.003 | 0.08 | | | | 1 |
| | <u> </u> | <u> </u> | ing with | | | 233 | 60.0 | 60.6 | 0.6 | 0,998 | 3.18 | 0.313 | oz/t Au | | |
| | · | | · | <u>.</u> | | 234 | 60.6 | 61.0 | 0.4 | 0.060 | 0.18 | 1.17 o | z/t Ag | | |
| | <u> </u> | From 60.5 - 60.9 only 0.2m rec | overed. | Slight | v 8 | 235 | 61.0 | 61.4 | 0.4 | 0.020 | 0.15 | over 2 | .Om | | |
| <u> </u> | | fractured. gtz veinlet with | stringer | of pyri | te. 8 | 236 | 61.4 | 62.1 | 0.6 | 0.008 | 0.13 | | | | |
| | | | | | 8 | 237 | 62.1 | 63.1 | 1.0 | 0.002 | 0.03 | | | | |
| <u> </u> | | | | | | | | | | | | | | | |
| 60.9 | 62 . 1m | Silicified andesite: with gtz | /einlet. | light c | rey | | | | | | | | | | |
| | | with dark-brown alteration m | ainly fro | m 61.5 | - | | | | | | | | | | |
| | | 62.1m and this could be part | of the v | ein svs | tem. | | | | | | | | | | _ _ |
| 62.1 | 72.8m | Andesite: dark green andesite, | fine gra | ined ŵi | th | | | | | | | | | | _ <u></u> |
| L | <u> </u> | stringer of epidotite and qt | z veinlet | s | | | | | | | | | ļ ļ | | -}┥ |
| | | | | | | | | | | | | | | | ╶┼───┤ |
| | | Broken core from 66.2 - 66.7m, | 69.4 - 7 | '1.7m | | | | | | | · | | | | |
| | | laminated to massive qtz vei | let at 7 | 25 ⁰ - 80 |)° ta | | | | | | | | L | | _ <u></u> |

core axis.

| | | – Gewargis Geological Cons | sulting Inc | |
|-------------|-----------------------------------|--|---|---|
| | | | | DDH NO. 86-9 |
| DIAMOND DRI | ILL RECORD | | | Page I / _ 1 |
| LOCATION | South 1 | Inuk River, B.C. "DO | C Property" | |
| COLLAR | Nor thing Easting | 8+00SE | REMARKS | Core recovery 92% |
| | Elevation | 1228m | From 34.5 mineralize | - 46.7m qtz vein, ed zone with light |
| DRILLED | Azimuth Dip | _265 ⁰ 60 ⁰ | brown oxid | dization and alter- n scattered pyrite |
| | Depth | 49.4m | and string | gers of specularite |
| Da'Mo'Yr' | Started Completed Logged | <u>September 7, 1986</u> <u>September 8, 1986</u> <u>September 8, 1986</u> | | |
| EQUIPMENT | Machine Core Size Dip Tests | Longyear Super 38 | 3 | |
| PURPOSE | To tes | t southeast extens on of Trench #6 and | ion of Q-17 - 6 Trench #9. | Q-22 vein system in |
| RESULTS | From 3 from 4 from 4 | 5.8 - 36.4m assayed 3.5 - 43.8m assayed 5.7 - 47.2m assayed | 0.574 oz/ton Au 0.270 oz/ton, 0 0.598 oz/ton Au | , 1.03 oz/ton Ag, .61 oz/ton Ag and . 0.78 oz/ton Ag. |
| GEOLOGIST | W. Gew | argis De | ı∙Mo∙Yr | December, 1986 |

| LOCATION | South | Unuk River, B.C. | | D | RILL | IOLEL | .0G | | | | | ноц | E No. 86- | .9 | PAGE NO. 1 of 3 |
|-----------|----------------|--|-----------------|----------------|---------------|----------|------------|--------|--------------|------------|-----------------|-----------------|---------------------|-------------|--------------------|
| AZIM: 20 | 55 ĭ | ELEV: 1228m | | | D19 | * | | | PROPI | ERTY: DO |)C | | | | |
| D18: _(| <u>60°</u> | LENGTH: 49.4m | <u></u> | T | | 1021 | | | | | | | | | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAG | EREADING | COAREC | | NO: 00(| C Claims | | | | |
| STARTED: | Septemb | er 7, 1986 | | | | ļ | | | SECTI | on: 8+(| DOSE | | | | |
| COMPLETE | D: _Septe | mber 8, 1986 | | | [| ļ | | | | ED BY: W, | <u>Gewar</u> g | is | | | |
| PURPOSE: | <u>To test</u> | <u>: Trench #6 and Tench #9</u> | | | | <u> </u> | | | DATE | LOGGED: | <u>Septer</u> | <u>ber 8.</u> | 1986 | | |
| | | | | | | | - <u> </u> | | DRILL | ING CO: | Longye | <u>ar, Ca</u> | nada | | |
| CORE RECO | IVERT: 92 | 7 <u> </u> | | | L | <u>i</u> | | | ASSAN | ED BY: | Chemex | <u>Lab. V</u> a | <u>ancouver</u> | <u>8.C.</u> | |
| 5001 | TAGE | DESCRIPTION | } | | s | AMPLE | FOOT | AGE | LENGTH | 4 Au | A | AS: | 1 | 1 | |
| FROM | | | | | | NU. | FROM(M) | (M) U | <u> (M)</u> | oz7t | oz/t_ | <u> </u> | | | |
| 0 | <u>1.8m</u> | Casing: No core recovery. | • • • <u> </u> | | | | | | | - <u> </u> | | | | | |
| 1 0 | 2/ 1- | Andreiter Itale he destrone f | | | · · · · · | | | | | | ·{····· | <u> </u> | <u>├</u> | | |
| 1,0 | 24.10 | Andesite: Light to dark drn, i | ine grai | nea, si | igntiy | | · · · · | · | <u> </u> | | | <u> </u> | | 1 | |
| | · | thractured with scattered harr | <u>ow diz v</u> | einiets | | | | | | | | | | | |
| | | throughout this section. | | -* | | | | - | | | | | | | |
| | | Section of light brown alterati | on orid | lized | | | | | | <u> </u> | | | | | |
| | | intermixed within this unit a | ainly fr | 0 0 4 9 | | <u> </u> | | | { | | | | | | +{ |
| | | 5.6m slightly fractured with | in atz u | ainlete | | | | | | ·† | + | | | | |
| | | at $65^{\circ} - 70^{\circ}$ to core axis with | h trace | of nyri | te. | (| | | | | | | 1 | - | |
| · · · · · | | | | <u> </u> | | | | | | 1 | 1 | | | | 11 |
| | | From 7.4 - 9.5m slightly fractu | red and | broken | | | | | | | | | 1 | | |
| | | core with gouge at 7.9m, with | qtz vei | nlets a | nd | | | | | 1 | 1 | | | | |
| | | trace of pyrite. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | T |
| | | Broken core and possible fault | zone | | | _ | | | | | | | | | |
| | <u>_</u> | <u>From 1.8 - 5.2m, 60.0 - 8.8m, 1</u> | 2.6 - 18 | .7m wit | <u>h</u> | | | | | | | | | | |
| | | gouge at 15.5. 18.4m (fault z | <u>one from</u> | 15.0 - | | | | | | | | | | | <u></u> |
| | | 18.7m) at 25° to core axis. 2 | 3.2 - 23 | .4m and | | | | | | | | | | | |
| | | 23.8 - 24.1m. | | | | | | | | L | | | ļ | | <u> </u> |
| | | | | | | | | | | | ļ | | L | | ↓ |
| 24.1 | 34.5m | Altered andesite: light green - | grey, b | roken c | ore, | | | | <u></u> | | | | | | |
| | | <u>fine-grained fault zone and b</u> | <u>roken co</u> | <u>re from</u> | | | | | | | <u> </u> | | <u> </u> | | ↓ |
| | | <u>24.1 - 25.9m. 29.5 - 33.3m</u> | | | | | | | | | <u> </u> | | ├─── ┤ | | { |
| | | Inis interval consists of sligh | <u>tly brow</u> | <u>n-greyi</u> | <u>sh-</u> | 228 | | 0.0 / | 0.5 | | | | ├} | | ╆────┛ |
| · - · | | green altered zone with gtz v | einlet a | nd trac | <u>e of</u> o | 200 | 25.9 | 20.4 | 0.5 | 0.010 | 0.08 | | | | |
| | | pyrite - specularite mainly f | rom 28.1 | - 28.6 | <u> </u> | | | | | <u> </u> | | | | | ├─── ┤ |
| | | <u> </u> | <u>- 34,5</u> m | • | 8 | 239 | 28.1 | 28.6 | 0,5 | 0.008 | 0.03 | | · · · · · } | | ┟╼╼╾┥ |
| | | | | | | 10 | 20.1 | | 0 (| 0.000 | | | | | ┟╼╌─┥ |
| | | | | | 8 | 240 | 29.1 | 29.5 | 0.4 | 0.008 | <u> U.U/ </u> | | | | |

| LOCATION | South | Unuk River, B.C. | | D | RILL | IOLEL | OG | | | | | HOL | E No. 86 | -9 | PAGE NO. 2 of 3 |
|-----------|---|--|------------------|-------------------------|---------------|---------------|----------|---------------|------------|---------------|---------------|-------------|-----------------|----------|--------------------|
| AZIM: 26 | 65° | ELEV: 1228m | | | | | | | PROPE | RTY: | D0C | | | | |
| DIP: -61 | 0 | LENGTH: 49.4m | | | DIP | TEST | | | | | | | | | |
| | | CORE SIZE: BO | FOOTAGE | READING | CORRECT | FOOTAG | READING | CORRECT | CLAIM | NO: D | OC Claim | IS | | | |
| STARTED: | Septemb | er 7, 1986 | | | | | | 1 | SECTIO |)N: 8 | +00SE | | | | |
| COMPLETE | 🔉 Septe | mber 8, 1986 | | | <u> </u> | l | | <u> </u> | LOGGE | Day: W | . Geward | is | | | |
| PURPOSE: | <u>To test</u> | : Trench #6 and Trench #9 | L | | | | | | DATE | LOGGED: | Septemb | ber 8, | <u>1986</u> | | |
| | | | | | | <u> </u> | <u> </u> | | ORILLI | ING CO: | Longyear | Canad | a | | |
| CORE RECO | VERY: 92 | % | | | <u> </u> | <u> </u> | | <u> </u> | ASSAY | ED 8Y: | Chemex | Lab, V | ancouve | r | |
| F001 | TAGE | DESCRIPTION | | | S. | AMPLE | FOOT | AGE | LENGTH | <u>⊢_≜</u> | - 40 | AS | SAYS | | |
| FROM | то | | | · | | NO. | FROM (M) | то(м) | <u>(M)</u> | <u> </u> | : <u>oź7t</u> | ļ | ļ | | |
| 34.5 | 46.7m | Qtz vein (mineralized zone): mi | iky whit | e – lig | jht 8 | 241 | 32.0 | 33.0 | 1.0 | 0.002 | 0.48 | | | | <u> </u> |
| | | brown fine grained gtz slight | ly fract | ured ar | 1 <u>d</u> 8 | 3242 | 33.0 | 33.6 | 0.6 | p.002 | 0.08 | | | <u> </u> | <u> </u> |
| | | oxidized with scattered disse | minated | <u>- massi</u> | ve 8 | 1243 | 33.6 | 34.5 | 0.9 | D.012 | 0.13 | ļ | 1 | | <u> </u> |
| | | to stringer of specularite. | <u>Broken</u> _c | ore in | small 8 | 244 | 34.5 | 35.1 | 0.6 | 0.044 | 0.23 | · · · · · · | <u> </u> | | |
| | | sections. mainly from 43.5 - | 44.2m wh | iere <u>cav</u> | ing 8 | 3245 | 35.1 | 35.8 | 0.7 | D. 003 | 0.06 | | ļ | ļ | ļ |
| | | occurs at 43.5m fault at 30° | to core | axis. | . 6 | 3246 | 35.8 | 36.4 | 0.6 | 0.574 | 1.03 | | <u> </u> | <u> </u> | |
| | | | | | 8 | 3247 | 36.4 | 37.4 | 1.0 | 0.032 | 0.03 | [| ļ | | |
| | At 44.2m cave within dark green andesite. | | | | 8 | 3248 | 37.4 | 38.4 | 1.0 | 0.010 | 0.03 | | <u> </u> | ļ | |
| | | | d haave | through | | 3249 | 38.4 | 39.7 | 1.3 | 0.014 | 0.03 | ļ | <u> </u> | | <u> </u> |
| | | 10 - 15% oxidized zone, altere | a prown, | through | | 8250 | 39.7 | 41.1 | 1.4 | 0.010 | | - | | | |
| | | this zone and section of mine | ralizati | on mair | | 251 | 41.1 | 42.4 | 1.3 | 0.014 | 0.07 | | + | | |
| | | <u> </u> | 4M With | section | | 3252 | 42.4 | 43.5 | 1.1 | 0.012 | 0.05 | | <u> </u> | | <u> </u> |
| | | <u> good pyrite mineralization ma</u> | <u>inly at</u> | <u>30.4m.</u> at 300 | | 3253 | 43.5 | 43.8 | 0.3 | 0.270 | 0.01 | <u> </u> | | <u> </u> | ┼┈─┤ |
| | | core axis few mm in size | iei ingei | <u>ue ee</u> | | <u>3254 (</u> | 45.0 | 44.0 | 1 1 | 0.040 | 0.04 | 0.598 | oz/t A | 1. 0.78 | oz/t Ad |
| | | From $39.7 - 42.4m$ light brown. | intermix | ed zone | e of a | 0255 | 44.0 | <u>. 4J.7</u> | 1.0 | 0.030 | 0.00 | acros | s 1.5m | | 1 |
| | | light brown exidized zone wit | h atz ve | ein. moo | ler-1 8 | 3257 | 46.7 | 47.2 | 0.5 | 0.106 | 0.71 | | | | |
| | | ately fractured at low ange t | o core a | ixis wit | th | | | | | | | | | 1 | |
| | | scattered patch of otz with I | race of | pyrite. | | | | | | | | | | | |
| | | | | <u> </u> | | | | | | | | | · · · | | <u> </u> |
| | | At 41.1m - narrow specularite s | tringer | few mm | in | | | | | - | | | | | <u> </u> [|
| | | width at 43° to core axis 109 | 6 qtz vei | inlet. | | | | | | | | | i — | 1 | |
| | | From 42.4 - 46.7m white atz vei | n with s | sliahtly | / | | | | | | | | | l | |
| | | oxidized - brown alteration | ith diss | seminate | ed | | | | | | | | | | |
| | | to massive sulphide mainly fr | om 43.5 | - 43.6 | n an ¢ | | | | | | | _ | | | |
| | | from 45.8 - 46.7m. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 46.7 | 47.2m | Dark brown, oxidized zone: fra | ictured a | and brol | cen | | | | | | | | | | |
| | | core with gouge, with gtz ve | nlets. | | | | | | | | | | | | |

| LOCATION | : South | Unuk River, B.C. | | D | RILLH | IOLE L | OG | | | | | нос | e no. 86 | _9 | PAGE NO. 3 of 3 |
|-----------|-----------------|---------------------------------------|-----------|----------|--|----------|----------|-----------|----------|-----------|---------------------------------------|-----------|---|----------|--------------------|
| AZIM: 2 | 65 [°] | ELEV: 1228m | | | DIR | TEST | | | PROPE | RTY: U | | | <u></u> | | |
| DIP: | <u>60°</u> | LENGTH: 49.4m | Gootece | Las vous | | 1031 | | Tenanser | | NO: 000 | 01 | | | | |
| CTARTER. | <u> </u> | | FOUTAGE | READING | WRRECT | FOOTAGE | READING | 1 COARECT | | | OCT | - | | | |
| STARTED: | <u>Seotembe</u> | <u>r 7. 1986</u> | | | | - | <u> </u> | | | 0 8 Y · W | USE | | | | |
| RURPORE. | <u>u. Sept</u> | ember 8, 1986. | | | | | | <u> </u> | | | <u>Septem</u> | <u>15</u> | 1086 | | |
| PUNPUSE: | TO LESL | Trench #0 and Trench #5 | | | <u> </u> | | ļ | [| | | Longuo | | _ <u></u> | | |
| CORE RECT | VERY: 00 | 07 | | | <u> </u> | | | | ASSAY | ED BY: | <u>Chemex</u> | Lab. V: | ancouver | | |
| FOO | TAGE | | -I | · | | | FOOT | AGE | 1 | | | AS | SAYS | | |
| FROM | то | DESCRIPTION | 1 | | | NO. | FROM (M) | TQ(M) | LENGTH | oz/t | loz7t | | <u> </u> | 1 | |
| 47.2 | 49.4m | Andesite: light green, fine gr | ained, sl | ightly | | | | | , | 1 | | | | | |
| | | fractured and broken core, p | oor core | recover | v l | | | | | | | | | | |
| | | from 47.2 - 48.5m. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | <u> </u> | | |
| | <u> </u> | End of Hole at 49.4m. | | | | | | | | | Ì | | ļ <u>-</u> | | |
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| | | -Gewargis Geological | Consul | lting Inc. ———— | |
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| | | | | | DDH NO. 86-10 |
| DIAMOND DRI | LL RECORD | | | | Page i / |
| LOCATION | South U | nuk River, B.C. | "DOC | Property" | |
| COLLAR | Nor thing Easting | 8+00SE | ~ | REMARKS | Core recovery 93% |
| | Elevation | 1228m | | From 25.3 mineraliz | - 30.9m qtz vein, ed zone slightly |
| DRILLED | Azimuth Dip | _265 ⁰ _45 ⁰ | | fractured with dark | and broken core |
| | Depth | <u>34.4m</u> | | and disse | minated pyrite. |
| Da Mo Yr · | Started Completed Logged | September 8, September 8, September 9, | 1986 1986 1986 | | |
| EQUIPMENT | Machine Core Size Dip Tests | Longyear Supe BQ | г 38 - | | |
| PURPOSE | To tes in loca | t southeast exte | nsion #6 an | n of Q-17 - Q-2 nd Trench #9 | 22 vein system |
| | | | | | |
| RESULTS | From 2 | 5.6 - 30.9m assa | ayed (|).459 oz/ton At | u, 2.17 oz/ton Ag. |
| GEOLOGIST | W. Gew | argis | - Da | ·Mo·Yr | December, 1986 |

| LOCAT | ION: South l | Inuk River, B.C. | | D | RILL | HOLEI | .0G | | | | | HOLEI | No. 86-10 | 0 | PAGENO. 1 of 2 | |
|---------|------------------|--|---|-----------------------------|----------|--------|-----------|---------------|--------|--------------------------------|-----------------|-----------------|--------------|---------------------------------------|-------------------|--|
| AZIM: | 265 ⁰ | ELEV: 1228m | | | | | | PROPERTY: DOC | | | | | | | | |
| DIP: | -450 | LENGTH: 34.4m | | | DI | PTEST | | | | | | | | | | |
| | | CORE SIZE: BQ | FOOTAGE | READING | CORREC | FOOTAG | E READING | G CORRECT | CLAIM | NO: DOC | Claim | | | | | |
| STARTE | ED: Septemb | per 8, 1986 | SECTION: 8+00SE | | | | | | | | | | | | | |
| COMPLE | ETED: Septe | ember 8, 1986 | | | | | | | LOGGE | Ю ВҮ: W | <u>Geward</u> | is | | | | |
| PURPOS | se: To test | upper dip extension of Hole | | | | | | | DATE | DATE LOGGED: September 9, 1986 | | | | | | |
| | 86-9 be | low Irench #9 | | l | <u> </u> | | | | DRILL | NG CO: | Longyea | <u>r Canada</u> | <u>a</u> | | | |
| CORE R | ECOVERY: 9 | 3% | 1 | | <u> </u> | | | | ASSAY | ED 8Y: C | <u>hemex La</u> | b. Vanco | ouver. | B.C. | | |
| F | OOTAGE | DESCRIPTION | I | | | SAMPLE | F001 | TAGE | LENGTH | L | • <u>Arr</u> r | ASSAYS | | | | |
| FROM | и то | | | | | NO. | FROM(M) | TO(M) | (M) | ož7t | oz/t | | | | | |
| 0 | 2.1m | Casing: No core recovered | | | | | | | | ļ | | | | | | |
| | | Anderites light to dark green | fine ou | rained | | | | | | | | | ł | <u>.</u> | | |
| 2.1 | | clichtly fractured with scatt | ered na | rrow, at | 7 - | | | | | <u> </u> | | | | | | |
| } | | epidetite throughout this see | tion at | 70° - 8 | 350 | | | | | | | | | | | |
| | | to core avis | , <u>, , , , , , , , , , , , , , , , , , </u> | | | | | | | | | | | | | |
| | | Some foliation light grey - gr | en colo | r mainly | / from | ······ | | | | | | | | | | |
| ļ | | 5.1 5 6m at low angle to cu | nce avis | 13.7 - | | | · · · · | | | | | † | · · · | | | |
| | | 3.1 - 3.0 at 100 angle to come avis | $14 8 - 1^{1}$ | <u>. 1017</u> 5.5m at | 40° | [| | | | | | †- | (| | 1 | |
| | | to core axis. | | | | | | | | · · · · | | | | | | |
| | | | | | | | | | | | | | | - | | |
| | | 6.7 - 72.m gtz veinlet with py | rite 55° | to core | e axis. | ĺ | | | | l | | | | | | |
| | | | | _ | | | | | | | | | | | | |
| | | At 8.8m trace of galena in sma | ll veinl | ets, fra | actur- | | | | | | | | | | <u> </u> | |
| | | ed at 25° to core axis. | | | | | | | | | | | | | <u> </u> | |
| | | | | | | | | | | | | | | <u></u> | ┦───┤ | |
| · | | From 9.9 - 10.3m light brown a | Iteratio | n with | | - | | | | ļ | | | | | ┼──┤ | |
| | | pyrite trace. | | | | | | | | ļ | | | | | -{ | |
| | | | - | | | | | | | | | | <u> </u> | | <u> </u> | |
| | | 18.5 - 19.0m altered material | | • . | · | | | | | | | | | | | |
| | | 20.4 - 20.7m altered material | with pyr | ite | | | | | | | ├─── ─┼ | | | | | |
| | | mineralization | | + : - 1 | | 0250 | 21.2 | 21 5 | 0.2 | 0.026 | 0.66 | | | | ┼┤ | |
| | | 21.2 - 21.5m light brown alter | acion ma avis | certar 1 | MICH | 02.30 | 41.4 | £1.J | 0.0 | 0.030 | | | | | ┼╼╍╌─┤ | |
| | | quz verniets at zo to core | | d | | | | | | · · · · · · | ┼───┼ | | | | | |
| 22. | <u>5 25.3m</u> | Shear zone: light grey to brow | n artere | u <u>, with</u> ts up to | 10% | | | | | · | <u>├</u> }- | | | | | |
| · · · · | | at 23.3m. | 2 VETHIE | ta up ti | 1 | | | | | | ┼──┼ | | | · · · · · · · · · · · · · · · · · · · | ┼╍╍╌┤ | |
| | | At 22 5m contact zone $= 350$ to | core av | is. | | | | | | | <u>}</u> } | | | - | | |
| · | | $\frac{1}{10000000000000000000000000000000000$ | highly e | heared 3 | zone | | | · | | | | | | | | |
| | | at low apple at core axis of | z veinle | ts with | pyrite | | | —ł | | | | | | | | |

| LOCATION | " South | Vnyk River, B.C. | | DR | ILL H | OLEL | .0G | | | | | HOL | e no. 86- | -10 | PAGE NO. 2 of 2 |
|----------|---------------------------|---|-------------------|-----------------|-----------------|--------|----------|----------|---------|-----------|--------------------|------------------|---------------------|----------|--------------------|
| AZIM: 2 | 65 ⁰ | ELEV: 1228m | | | יפוח | TEST | | | PROPE | RTY: DU | C | ····· | | | |
| DIP: -45 | <u> </u> | LENGTH: 34.4m | | | | | <u> </u> | 1 | | | | | | | |
| | | CORE SIZE: 80 | OOTAGE | ADING | DARECT | FOOTAG | EREADING | CORRECT | | NO: 000 | Claim | | | | |
| STARTED: | | ber 8, 1986 | | | | | | <u> </u> | SECTIC | N: 8+ | OOSE | | | | |
| COMPLETE | : D: Sept | ember 8. 1986 | | | | | | <u> </u> | | 087: W. | Geward | uis | | · | |
| PURPOSE: | <u>To test</u> below T | <u>_upper_dip_extension_of_Hole_86-</u> 9 rench #9 | <u> </u> | | | | | | DATE | ING CO: L | Septemb ongyear | oer 9. Canada | 1 <u>986</u> | | |
| CORE REC | OVERY: | 93% | | | | | | | ASSAY | ED BY: | Chemex | Lab, Va | ancouver | , B.C. | |
| FOO | TAGE | BEECOURTION | A | | SA | MPLE | FOOT | AGE | 1 ENGTH | | | AS | SAYS | <u>.</u> | |
| FROM | то | DESCRIPTION | | | | NO. | FROM(M) | TQ(M) | (M) | oz/t | oz/t | | | | |
| 25.3 | ,30.9m | Qtz vein mineralized zone: | | | 825 | 9 | 24.4 | 25.3 | 0.9 | 0.012 | 0.07 | | | | |
| | | From 25.3 to 25.7m highly sheare | ed zone. | light c | rev82£ | 0 | 25.3 | 25.6 | 0.3 | 0.042 | 1.22 | | | | |
| | 1 | to dark brown slightly fractur | red and b | roken d | ore826 | 51 | 25.6 | 26.0 | 0.4 | 0.304 | 4.72 | | | | |
| | | with gouge at 25.6m and trace | of pyrit | е. | 826 | 2 | 26.0 | .27.0 | 1.0 | 0.294 | 2.99 | l | | 1 | 1 |
| | | | | | 826 | 3 | 27.0 | 27.8 | 0.8 | 0.194 | 1.65 | | | | |
| | | From 25.7 to 30.9m gtz vein mine | eralized | zone wh | ic h 826 | 4 | 27.8 | 29.2 | 1.4 | 0.590 | 1.23 | 0.459 | oz/t Au | , 2.17 | oz/t Ag |
| | | consists, in part, of highly al | ltered ma | terial | 826 | 5 | 29.2 | 30.0 | 0.8 | 0.500 | 4.06 | over S | 3 . 3m | | |
| | | light brown to dark brown, wit | th oxidiz | ed and | 826 | 6 | 30.0 | 30.9 | 0.9 | 0.712 | 0.35 | | | | |
| | 1 | limonitic and in part, it is w | white gtz | slight | :1y | | | | | ļ | - | | <u> </u> | | |
| | | altered with pyrite mineraliza | ation | | | | | | | | | | | | |
| | | From 25.7 - 26.0m light grey, al | ltered wi | th fine | | | | | | | | | | | |
| | | pyrite mineralization. | | | | | | | | ľ | | | | | |
| | | From 26.0 - 29.1m white gtz veir | n with mo | derate | | | | | | | | [| | | |
| | | brown alteration with fracture | e fillina | ovrite | | | | | | | | [| | | |
| | | mineralization mainly at 26.4m | n <u>, 26.8 -</u> | 26.9m | | | | | | | | | | | |
| | | at 27.1. 27.9 - 28.0m and from | 28.6 - 1 | 29.1m. | | | | | | | | | | | |
| | <u> </u> | From 29.1 - 30.0m highly oxidize | ed brown | qtz vei | n, | | | | | | | | | | |
| | | moderately to highly fractured | d with py | rite | | | | | | | | | | | |
| | | mineralization filling through | nout sect | ion. | | | | | · · - | | | 1 | [| | |
| | | From 30.9 - 34.4m dark grn, fine | e grained | andesi | te. | | | | | | | | | | |
| | | resembles two above sections. | | | | | | | | | | | | <u> </u> | <u>├</u> |
| | - | Broken core trom 31 to 32.3m and | 33.5 to | 34 . 2m. | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | End of Hole at 34.4m. | | | | | | | | | | | | | |
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LEGEND 6 Diorite 2 a Mafic Tuff-Agglomerate la Felsic Tuff-Agglomerate Ib Chert, Thin Bedded 2 b Massive Mafic Volcanic Rocks **3** Clastic Limestone 4 Granite & Quartz-Feldspar Porphyry 917,922 Quartz Vein With Py Specularite () 1948-1949 Diamond Drill Hole ⊙ 86-6-1986 Diamond Drill Hole GEOLOGICAL BRANCH ASSESSMENT REPORT 15,615 MAGNA VENTURES LTD. DOC PROPERTY SOUTH UNUK RIVER, B.C. SKEENA MINING DIVISION N.T.S. MAP-1048/8W

PROPERTY GEOLOGY MAP

| SCALE: 1:5000 | FIG. 4 |
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| DRAWN BY:D.G. | DATE: NOVEMBER, 1986 |





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| | | geologia Serssmi 155, | ALBRANCH NTREPORT 615 |
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| | | MAGNA VEN | TURES LTD. |
| LEGEND O·OOI,O·OI Oz/t Au,Oz/t Ag | | DOC PROPERTY SOUTH UNUK RIVI SKEENA MINING D N.T.S. MAP-104B/ SECTION 4+00SE DIAMOND DRILL H | ER, B.C. DIVISION 78 W E OLE # 86-1 |
| | TO ACCOMPANY A REPORT BY: WILSON GEWARGIS, B.Sc, F.G.A.C. | SCALE: 1:200 | FIG: 7 |
| | GEWARGIS GEOLOGICAL CONSULTING INC. | DRAWN BY:D.G. | DATE: NOVEMBER, 1986 |



LEGEND 0.011,0.04 Oz/t Au,Oz/t Ag

GEOLOGICAL BRANCH ASSESSMENT REPORT



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| DOC PROPERTY SOUTH UNUK RIVE SKEENA MINING D | R, B.C. |
| N.T.S. MAP-104B/ SECTION 4+00SE DIAMOND DRILL HO | 8W DLE # 86-2,86-3 |
| SCALE: 1:200 | FIG: 8 |
| DRAWN BY:D.G. | DATE: NOVEMBER, 1986 |

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DATE: NOVEMBER, 1986



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GEOLOGICAL BRANCH ASSESSMENT REPORT

LEGEND

0.013,0.08

Oz/t Au,Oz/t Ag

15,615

TO ACCOMPANY A REPORT BY: WILSON GEWARGIS, B.Sc, F.G.A.C. GEWARGIS GEOLOGICAL CONSULTING INC.

MAGNA VENTURES DOC PROPERTY SOUTH UNUK RIVER, B.C. SKEENA MINING DIVISION N.T.S. MAP-104B/8W SECTION 0+85SE DIAMOND DRILL HOLE + 8

| DRAWN BY:D.G. | DAT |
|---------------|-----|
| SCALE: 1:200 | FIG |



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LEGEND 0.016,0.070 Oz/t Au,Oz/t Ag

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GEOLOGICAL BRANCH ASSESSMENT REPORT



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OTZ. VEIN MINERALIZED ZONE MASSIVE

SIL. AND.

+0.003,0.06 0.094,0.26

> 0.212,0.6. 0.110,0.38 0.016,0.14 0.004,0.07 0.026,0.11

0.020. 0.656,2.13 0.048,0.16

MAGNA VENTURE DOC PROPERTY SOUTH UNUK RIVER, B.C SKEENA MINING DIVISION N.T.S. MAP-104B/8W

SECTION 0+90NW DIAMOND DRILL HOLE #

| TO ACCOMPANY A REPORT BY: WILSON GEWARGIS, B.Sc., F.G.A.C. | SCALE: 1:200 | F |
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| | N.T.S. MAP-1048/ | 8W |
| | SECTION 8+00SE | |
| Oz/t Au,Oz/t Ag | DIAMOND DRILL H | DLE + 86-9,86-10 |
| TO ACCOMPANY A REPORT BY: | SCALE: 1: 200 | FIG: 12 |
| GEWARGIS GEOLOGICAL CONSULTING INC. | DRAWN BY:D.G. | DATE: NOVEMBER, 1986 |

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